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ICHTHYOPLANKTON AND STATION DATA FOR CALIFORNIA COOPERATIVE OCEANIC FISHERIES INVESTIGATIONS SURVEY CRUISES IN 1972

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U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Marine Fisheries Service
Southwest Fisheries Center

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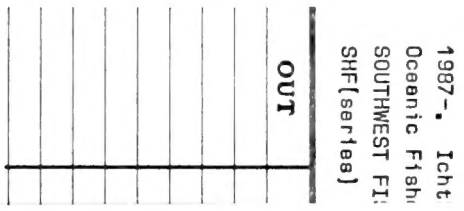

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ABSTRACT

This report provides ichthyoplankton and associated station and tow data from California Cooperative Oceanic Fisheries Investigations (CalCOFI) cruises conducted off California and Baja California in 1972. It is the twentieth report in a series that presents these data for all biological-oceanographic CalCOFI surveys from 1951 to the present. A total of 1205 stations was occupied during six monthly multivessel cruises over the survey area which extended from the California-Oregon border to Cabo San Lucas, Mexico, and seaward to several hundred miles. The data are listed in a series of 6 tables; the background, methodology, and information necessary for interpretation and quantitative analysis of the data are presented in an accompanying text. All pertinent station and tow data, including volumes of water strained and standard haul factors, are listed in the first table. Another key table lists, by station and month, standardized counts of each of the 185 larval fish categories identified from survey samples. This and previous and subsequent reports make the CalCOFI ichthyoplankton and station data available to all investigators and serve as guides to the newly developed computer data base.

INTRODUCTION

This report, the twentieth of a series, provides ichthyoplankton and associated station and tow data from California Cooperative Oceanic Fisheries Investigations (CalCOFI) joint biological-oceanographic survey cruises conducted in 1972. This program was initiated in 1949, under the sponsorship of the Marine Research Committee of the State of California, to study the population fluctuations of the Pacific sardine (*Sardinops sagax*) and the environmental factors that may play a role in such fluctuations. CalCOFI, known as the California Cooperative Sardine Research Program from 1949 to 1953, was made up of representatives of the South Pacific Fisheries Investigations (SPFI) of the U.S. Fish and Wildlife Service [now the La Jolla Laboratory, National Marine Fisheries Service (NMFS)], the Scripps Institution of Oceanography (SIO), the California Department of Fish and Game (CDFG), the California Academy of Sciences (CAS) and the Hopkins Marine Station of Stanford University. The first three of these agencies supplied ships and personnel to conduct the sea surveys. NMFS processed the plankton samples and analyzed the ichthyoplankton from them. SIO processed and analyzed the hydrographic samples and measurements and also analyzed invertebrate groups from the plankton samples.

The boundaries, station placement, and sampling frequency for the CalCOFI survey area were based on the results of joint biological and oceanographic cruises conducted by NMFS and SIO during 1939-41. Those cruises were designed to collect sardine eggs and larvae and associated hydrographic data over the entire areal and seasonal spawning range of the species. On these survey cruises, plankton tows were made to 70 m, a depth which

encompassed the vertical distribution of sardine eggs and larvae. Wide-ranging joint biological and oceanographic survey cruises were resumed in 1949 with sardine as the focus; however, an increasing interest in other biological components resulted in the deepening of standard tows to 140 m in 1951. This marked the beginning of truly quantitative ichthyoplankton sampling on CalCOFI surveys.

Some data resulting from CalCOFI surveys in 1972 have been published. Hydrographic data (Univ. of Calif., SIO, 1980, 1982, 1985) were presented in standard formats. Distributional maps of larvae of 2 taxa taken on CalCOFI surveys during 1972 are presented in the CalCOFI atlas series: rockfish (*Sebastes* spp.), Ahlstrom et al., 1978; and northern anchovy (*Engraulis mordax*), Hewitt, 1980.

A computer data base for eggs and larvae of sardine and anchovy, for larvae of Pacific hake (*Merluccius productus*), jack mackerel (*Trachurus symmetricus*) and Pacific mackerel (*Scomber japonicus*), and for eggs of Pacific saury (*Cololabis saira*) was established in 1969. The development of a data base for other fish larvae is a complex undertaking because competency of identification has evolved steadily over the past 38 years. We began the task of producing a CalCOFI ichthyoplankton data base and associated data report series in 1983. All available original records for 1972 were subjected to an extensive verification and editing process to produce this report. This and previous (Ambrose et al., 1987a,b,c; 1988a,b; Sandknop et al., 1987a,b; 1988a,b,c; Stevens et al., 1987a,b,c; 1988a,b; Sumida et al., 1987a,b; 1988a,b) and subsequent reports make the CalCOFI ichthyoplankton and station data available to all investigators and serve as guides to the computer data base. The data base will be modified when additional errors are discovered and when composite taxa from the earlier years are reidentified. These reports are the fundamental reference documents against which subsequent changes in the data base can be compared.

SAMPLING AREA AND PATTERN

In 1972, six CalCOFI survey cruises were conducted from January through November. Cruise 7202 in February was a joint U.S.-U.S.S.R. cooperative cruise with the Soviet vessel *Alba* sampling lines 40-77 (Figure 4). Two cruises in late spring and early fall (Cruises 7205 and 7210) covered an extended pattern designed to collect data across the California Current from 45°N to 20°N. However, data from stations north of line 40 and extended offshore lines are not included in this report. They will be incorported into the data base at a later time and published as a separate data report. A total of 1205 stations included in this data base was occupied with an average of 201 stations per cruise (range 133-336). Coverage of the survey station pattern varied among cruises with the most extensive occurring in February, April-early June, and September-November (Figures 1-8, Table 1). The area off northern California (lines

40-57) was covered on all cruises except those in January and March. Coverage off central California (lines 60-77) was more consistent with all major lines occupied except in cruises 7205 and 7210 during which only two cardinal lines were surveyed. The area between Pt. Conception, California and Pt. San Juanico, Baja California (lines 80-137) was surveyed on all cruises (only cardinal lines were occupied in cruises 7205 and 7210). The area off southern Baja California (lines 140-157) was surveyed on three cruises (7202, 7205, 7210). Coverage extended seaward to station 140 (approximately 400-500 miles offshore) on a few lines in cruises 7205 and 7210, but typically did not extend beyond station 90 (approximately 160-260 miles offshore) on other cruises.

Four vessels were employed on these cruises: the *David Starr Jordan* of NMFS, the *Alexander Agassiz* of SIO, the *Alaska* of CDFG, and the *Alba* of the Soviet Union. Two to four vessels participated on each cruise with the *David Starr Jordan* and *Alexander Agassiz* being used on all six (Table 1; Univ. of Calif., SIO, 1980, 1982, 1985).

After 1969, CalCOFI surveys were made on a triennial basis. These began in 1972 and continued every 3 years (1975, 1978, 1981, 1984) until 1985 when annual surveys were resumed.

SAMPLING GEAR AND METHODS

During 1972, a 1-m diameter ring net was used on all cruises; the net was similar to that used on previous surveys except the fabric was 0.505 mm nylon mesh instead of silk bolting cloth (Smith, 1974). The cod end was constructed of 0.333 mm nylon mesh. The frame was fastened to a short 3-lead bridle connected to several meters of line which attached to the towing cable by a clamp. A current meter was suspended in the center of the mouth of each net to measure volume of water filtered (see Kramer et al., 1972, for further details).

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[1]CalCOFI lines (Figure 9) are arranged perpendicular to the coastline and extend from the Canadian border (line 10) to below Cape San Lucas, Baja California (line 157). Stations were established on the basis of a perpendicular to line 80 (off Pt. Conception) at a point designated as station 60. Stations were plotted seaward and shoreward from station 60 on each line. Cardinal CalCOFI lines (those ending in "0") are 120 miles apart and usually bracket two ordinal lines (ending in "3" or "7"), so that lines are 40 miles apart over most of the pattern. Cardinal stations are 40 miles apart and typically these are separated by a station number ending in "5" so that stations are 20 miles apart out to station 90 on most lines. Stations are placed at closer intervals near the coast and islands to accommodate these features (see Kramer et al., 1972 for further details).

The standard tow in 1972 was an oblique haul to ca. 210 m depth (to 15 m of the bottom in shallow areas) designed to filter a constant amount of water per depth interval (ca. $3m^3/m$ of depth) over the vertical range of most ichthyoplankters. Hauls were made at a ship speed of 1.5-2.0 knots and initiated by clamping the net line to the towing cable with the 45 kg terminal weight about 10-15 m below the surface. The net was lowered to ca. 210 m depth by paying out 300 m of wire over a 6 minute period (35 m of depth/min.). After fishing at depth for 30 seconds, the net was retrieved at 20 m/min. (14 m depth/min.). The angle of stray of the towing cable was recorded every 30 seconds and maintained at 45° (±3°) by adjusting the ship speed and course. After reaching the surface, the net was washed down and the samples preserved in 5% formalin buffered with sodium borate. Flowmeter readings were made at the beginning and end of each tow. Detailed descriptions of gear and methods are given by Kramer et al. (1972), and Smith and Richardson (1977).

LABORATORY PROCEDURES

Laboratory processing began with the determination of a displacement volume for each sample (methods described in Staff, SPFI, 1953 and Kramer et al., 1972). Sorting involved the removal of ichthyoplankton from the sample and identification and separation of: eggs and larvae of Pacific sardine and northern anchovy; larvae of Pacific hake; and eggs of Pacific saury. Usually, each sample was sorted completely; however, in 1972, some of the samples from two of the six cruises were fractioned into aliquots using a Folsom plankton splitter (McEwen et al., 1954) prior to sorting. Samples collected in Cruise 7202 by the Soviet research vessel *Alba* were fractioned to 50% of the original volume. Samples from Cruise 7207 were fractioned to a 25% aliquot if the sample was collected within 200 miles from the coast and its original volume exceeded 25 ml (J. R. Thrailkill, pers. comm.). Aliquot percentages for fractioned samples from 1972 are listed in Table 1 under the "Percent Sorted" column.

A "standard haul factor" (SHF) was calculated for each tow to make them comparable and allow estimations of areal abundance. This factor adjusts the number of eggs or larvae in a haul to the number in 10 m^3 of water strained per meter of depth fished. If the vertical distribution of the species has been encompassed, then the adjusted value is equivalent to the number under 10 m^2 of sea surface. The SHF is calculated for each haul by the formula:

$$SHF = \frac{10\ D}{V}$$

where D = depth of haul = cosine of the average angle of stray of the towing cable multiplied by cable length (m)

V = total volume of water (m^3) strained during the haul

$$V = R \bullet a \bullet p$$

where R = total number of revolutions of the current meter during the haul

a = area (m^2) of the mouth of the net

p = length of column of water (m) needed to produce one revolution of the current meter.

Tow depth, volume of water strained, and standard haul factor are listed in Table 1 for each tow taken during 1972. Detailed descriptions of factors involved in calculating these values are presented in Ahlstrom (1948), Kramer et al. (1972), and Smith and Richardson (1977).

IDENTIFICATION

Identification of ichthyoplankton species beyond those separated during the sorting process was carried out by a separate group of specialists. Ontogenetic stages of fishes are inherently difficult to identify and this is further complicated by the large number and diversity of species which contribute to the ichthyoplankton of the California Current region. Most identifications were accomplished by establishing ontogenetic series on the basis of morphology, meristics, and pigmentation and then identifying these series by relating them to known metamorphic, juvenile, or adult stages with overlapping features (Powles and Markle, 1984). A total of 183 taxa was identified for 1972, with 108 taken to species, 32 to genus, 36 to family, and 7 to order or suborder. In 1972, some taxonomic groups were identified for the first time. These included larvae of the bathylagid species *Bathylagus longirostris*, the gonostomatids *Danaphos oculatus* and *Valenciennellus stellatus*, and the myctophid *Bolinichthys* species. Larvae in the families Scopelarchidae and Nomeidae were identified to genus or species. Five species of rockfish in the *Sebastes* group were identified: *S. aurora, S. jordani, S. levis, S. macdonaldi,* and *S. paucispinis*. Also, the trichiurid *Lepidopus xantusi* was identified.

The task of producing a reliable and equitable ichthyoplankton data base required extensive procedures to verify, correct, and edit the original identifications. The primary data source was the original identification sheets (see Kramer et al., 1972, for examples); however, a critical resource used in all phases of this process was the CalCOFI ichthyoplankton collection in which the samples are archived. Throughout the course of CalCOFI ichthyoplankton studies, samples have been identified to the lowest taxon possible. In reviewing

these identifications for the data base, our approach has been conservative and we have preserved those identifications and counts which we could confirm, while correcting as many of the errors as possible. After computer entry, taxonomic errors and inconsistencies in the data base were corrected and the most obvious identification errors were corrected. Our current knowledge of ichthyoplankton techniques coupled with a precise understanding of the development of identification competency in the program over the years allowed us to critically judge the historical records. Identifications were changed to different taxa, lumped to a higher taxonomic category, or given a more precise taxonomic name. In some cases, identifications of a taxon were inconsistent among cruises in a year. These records were made equitable by lumping to the higher taxonomic category to avoid biases that could result in quantitative misinterpretation.

Next, statistical, seasonal, and geographic outliers were identified, employing a series of graphic summaries and listings. Examination of geographic outliers proved to be especially effective because of our accumulated knowledge of species distributions. In the course of examining samples for these outliers, other identification errors were discovered and eventually all taxa were scrutinized to some extent. Lastly, certain taxa were reexamined in all samples for the entire CalCOFI time series. These taxa were selected because of their commercial, ecological, phylogenetic, or zoogeographic importance or because taxonomic confusion was at the ordinal level. The following is a list of the taxa for 1972 which received special attention, with explanations and caveats intended to aid in quantitative interpretations:

Anguilliformes - tentative and sporadic identifications to family or lower taxon lumped to order.

Sardinops sagax - all specimens south of line 120 checked for misidentification of *Opisthonema* spp.

Engraulis mordax - some nearshore samples of small *E. mordax* may contain other anchovy genera which could not be differentiated.

Nansenia spp. - all specimens checked and identified as *N. candida* or *N. crassa*; all specimens of these species near their range boundaries checked.

Bathylagus spp. - includes small and/or disintegrated specimens of *Bathylagus* or *Leuroglossus stilbius*.

Bathylychnops exilis - specimen checked.

Dolichopteryx longipes - specimen checked.

Stomiiformes - all specimens checked and identified to family, genus or species; residuals are small, poorly preserved or unavailable specimens.

Cyclothone spp. - tentative and sporadic identifications to species were lumped to genus.

Vinciguerria lucetia - specimens taken seaward of station 100 checked for misidentification of *V. poweriae*; some *V. poweriae* may remain in these samples because small larvae of the two species could not be differentiated; sporadic identification of *V. poweriae* began in 1961.

Sternoptychidae - tentative and sporadic identifications of hatchetfishes to genus were lumped to family.

Bathophilus spp. - all specimens checked.

Tactostoma macropus - all specimens checked.

Paralepididae - all specimens examined and identified to species; residuals are small, poorly preserved or unavailable specimens, except specimens south of line 150 which are an unidentified *Lestidiops*-like form.

Scopelarchus spp. - tentative and sporadic identifications to species lumped to genus.

Lampanyctus spp. - tentative and sporadic identifications to species lumped to genus.

Lampanyctus regalis - underrepresented because of inability to differentiate small larvae (<5 mm) from those of other species of the genus; counts may include other species of the genus because of difficulty in identifying larvae of this large and complex genus.

Lampanyctus ritteri - comment for *L. regalis* applies to this species.

Triphoturus mexicanus - specimens seaward of station 100 checked for misidentification of *T. nigrescens*.

Diogenichthys atlanticus - all specimens at margins of range checked.

Diogenichthys laternatus - all specimens at margins of range checked.

Hygophum spp. - all specimens reidentified to species; residuals are small, poorly preserved or unavailable specimens.

Hygophum atratum - all specimens checked.

Hygophum reinhardtii - all specimens checked.

Bregmaceros spp. - tentative and sporadic identifications to species lumped to genus.

Physiculus spp. - specimen checked.

Ophidiiformes - this category did not exist originally and unidentified larvae of this order, including a type referred to as "Zoarcidae", were originally placed in the "blenny" category.

Chilara taylori - all specimens checked.

Ophidion scrippsae - all specimens checked.

Trachipteridae - tentative and sporadic identifications to genus were lumped to family.

Melamphaes spp. - all identifications ascribed to Melamphaidae were reexamined and assigned to genus (*Melamphaes, Poromitra*) or species (*Scopelogadus bispinosus*); larvae originally identified as *Melamphaes* spp. were not reexamined and this category may contain other melamphaid genera.

Anoplopoma fimbria - specimen checked.

Cottidae - all specimens checked.

Oxylebius pictus - all specimens checked.

Zaniolepis spp. - all specimens checked.

Blennioidei - this is the residual of the completely reexamined "blenny" category, which also contained various misidentified ophidiiforms, and is now restricted to members of northern stichaeioid families.

Microdesmidae - specimens checked.

Labridae - all specimens originally identified to family were reexamined and assigned to genus (*Halichoeres* spp.) or species (*Oxyjulis californica*); residuals are of an unidentified southern form.

Chromis punctipinnis - records south of about line 120 may include other pomacentrid taxa.

Howella brodiei - all specimens checked; some originally identified as Apogonidae; in this report we list *H. brodiei* in the family Apogonidae for convenience, recognizing that its systematic affinities are not resolved.

Carangidae - all specimens checked; tentative and sporadic identifications to genus or species (except *Trachurus symmetricus* and *Seriola lalandi*) were lumped to family.

Seriola lalandi - specimens checked.

Haemulidae - tentative identification to genus lumped to family.

Medialuna californiensis - all specimens checked.

Caulolatilus princeps - specimen checked.

Sciaenidae - tentative and sporadic identifications to genus lumped to family.

Scombridae - all larvae identified to this family or constituent taxa (except *Scomber japonicus*) were reexamined and in some cases reassigned.

Nomeidae - all specimens checked and identified to species.

Pleuronectiformes - all specimens of this category were examined and reidentified; residuals are small, poorly preserved or unavailable specimens.

Bothidae - all specimens examined and most reassigned to various paralichthyid genera.

Bothus spp. - specimens checked.

Citharichthys spp. - all larvae identified to species were lumped to genus except *C. stigmaeus*; category includes larvae of *Etropus* spp.

Citharichthys stigmaeus - includes larvae larger than ca. 4.5 mm; smaller larvae are in *Citharichthys* spp.

Paralichthys californicus - all specimens examined.

Xystreurys liolepis - originally misidentified as *Paralichthys californicus*; all specimens reidentified.

Glyptocephalus zachirus - all specimens examined.

Isopsetta isolepis - specimens checked.

Lepidopsetta bilineata - all specimens examined.

Microstomus pacificus - all specimens examined.

Pleuronichthys spp. - all larvae of this genus and constituent species were examined and assigned to species.

Psettichthys melanostictus - all specimens examined.

COMPUTER ENTRY AND EDITING

Each taxon on the original identification sheets was given a 3-digit code based on the list of codes in Haight et al. (1979). Taxon codes and counts from these sheets were keypunched by cruise and station, along with pertinent station and tow data and entered into the VAX 11/780 computer at the University of California, San Diego, Computing Center. After entries were completed for an entire year, print-out listings of taxa and counts on each station were compared with the original data sheets to eliminate keypunch errors. Next, data in the file were cross-checked with data on an existing file which contained: station and tow data; numbers of eggs of sardine, anchovy, and saury; numbers of larvae of sardine, anchovy, hake, jack mackerel, and Pacific mackerel; total number of fish eggs; and total number of fish larvae.

Discrepancies in ichthyoplankton data in these two files were corrected by inspecting original records from the sorting laboratory, the original ichthyoplankton identification sheets, and the samples themselves. Station and tow data discrepancies between the two files were corrected by reviewing ships' logs and deck tow sheets, original records from the sorting laboratory, cruise announcements, publications, header information on the ichthyoplankton identification sheets, and station plots generated for each cruise. Eventually all station and tow data were checked by comparing these sources.

The corrected ichthyoplankton data base was then examined statistically and outliers were found and checked as above. Distributional plots were then prepared for each taxon and these were checked by reviewing the data sources mentioned above and by examining archived specimens. A listing of each taxon by station (Table 4) was produced, which became the primary document for subsequent checks. Misidentifications found in geographic outlier checks and other misidentifications and data problems discovered in the course of examining archived samples resulted in several iterations of Table 4. Finally, totals in Table 4 were checked against annual summaries of incidence and abundance (Tables 2 and 3). Ecological analyses of the data were conducted concurrently with editing procedures and provided cross-checks that allowed correction of errors.

SPECIES SUMMARY

Larvae of northern anchovy (*Engraulis mordax*) represented 43.7% of all fish larvae taken on CalCOFI cruises during 1972 and numbered over three times as many as Pacific hake, *Merluccius productus*, the next most abundant taxon with 13.0% of the total larvae (Tables 2, 3). Northern anchovy also ranked first in incidence; Pacific hake ranked 8th. The next most abundant group was the rockfish genus *Sebastes* spp. with 8.1% of the total, followed by the gonostomatid *Vinciguerria lucetia* with 5.9%; they ranked 2nd and 10th respectively in incidence. The deepsea smelt

Leuroglossus stilbius ranked 5th in abundance (4.7%) and 4th in occurrence. The myctophid *Stenobrachius leucopsarus* and another deepsea smelt, *Bathylagus ochotensis*, ranked 6th (4.6%) and 7th (3.1%) in number, and 6th and 7th in occurrence. The final three taxa in the top 10 collected in 1972 were the myctophid species *Triphoturus mexicanus* with 2.0%, *Tarletonbeania crenularis* with 1.9%, and *Diogenichthys laternatus* with 1.5% of total larvae. These 10 taxa contributed 88.6% to the total number of larvae collected in 1972; the remaining 11.4% was distributed among 173 taxa plus the disintegrated and unidentified categories. The top 10 taxa comprised two coastal demersal species or groups, one coastal pelagic species, and seven midwater species.

EXPLANATION OF TABLES

Table 1 - This table lists by cruise the pertinent station and tow data for 1972, the volume of water filtered and standard haul factor for each tow, the percent of sample sorted, and the total numbers of fish eggs and larvae. CalCOFI cruises are designated by four digits; the first two indicate the year and the second two the month. Within each cruise the data are listed in order of increasing line and station number (southerly and seaward directions); the order of station occupancy is shown on the station charts (Figures 2-8). Stations are designated by two groups of digits; the first set indicates the line and decimal fraction and the second set indicates the station on the line. Time is listed as Pacific Standard Time at the start of each tow in 24-hour designation. Methods for determining tow depth, volume of water strained, standard haul factor, and percent sorted were described in the methods section. The values for total fish eggs and larvae represent raw counts (unadjusted for percent sorted or standard haul factor). Ship codes are as follows: AB, *Alba*; AL, *Alaska*; AX, *Alexander Agassiz*; JD, *David Starr Jordan*.

Table 2 - This table lists pooled occurrences of all larval fish taxa taken during 1972 in ranked order.

Table 3 - This table lists pooled counts of all larval fish taxa taken during 1972 in ranked order. Numbers are adjusted for percent sorted and standard haul factors.

Table 4 - This table gives numbers of fish larvae for each taxon, listed by station and calendar month in which the tow was taken. Counts are adjusted for percent of sample sorted and standard haul factor. Average values are given for stations occupied more than once during a month. See Table 1 for station and tow data and Table 6 for listing of stations with multiple occupancies during a month. Multiple occupancies occurred when a station was occupied more than once during a calendar

month; in some cases, multiple occupancies resulted from separate cruises. The orders are listed in "phylogenetic" sequence modified from Nelson (1984). Subtaxa within each order are listed alphabetically. Page numbers for each taxon are given in the index at the end of the report.

Table 5 - This table is a summary of pooled occurrences of all larval fish taxa taken on CalCOFI surveys from 1972 to 1981. Taxa are listed in the same order as in Table 4.

Table 6 - List of stations with multiple occupancies in one month during 1972.

ACKNOWLEDGMENTS

Elizabeth Stevens, Elaine Sandknop, Susan D'Vincent, and Connie Fey originally identified larvae from CalCOFI cruises of 1972. Ronald Whyte coded each larval fish taxon or type and Rita Ford entered them into the computer. Cindy Meyer and James Ryan provided programming assistance. Dorothy Roll designed the CalCOFI data acquisition system and provided data processing support. Ken Raymond, Roy Allen, and Henry Orr helped with graphics and production of the report. Lorraine Prescott prepared the manuscript for printing. Paul Smith determined statistical outliers, provided assistance during geographical outlier checks and offered helpful suggestions throughout the project. Izadore Barrett, Director of the Southwest Fisheries Center provided support critical to the completion of the project. James Thrailkill planned CalCOFI surveys and supervised cruises, data handling, and plankton sorting from 1949 to 1986 and is largely responsible for the high quality of these operations. Without the vision and direction of Elbert Ahlstrom and Elton Sette and the dedicated efforts of the many people who collected, processed, and analyzed the samples, this data base would not exist. During the final stages of preparing this report, Reuben Lasker succumbed to cancer. As Chief of the Coastal Fisheries Resources Division, SWFC, his encouragement and support for all of us involved in the sea surveys, sample processing, and data base and report preparation were unwavering. We dedicate this work to his memory.

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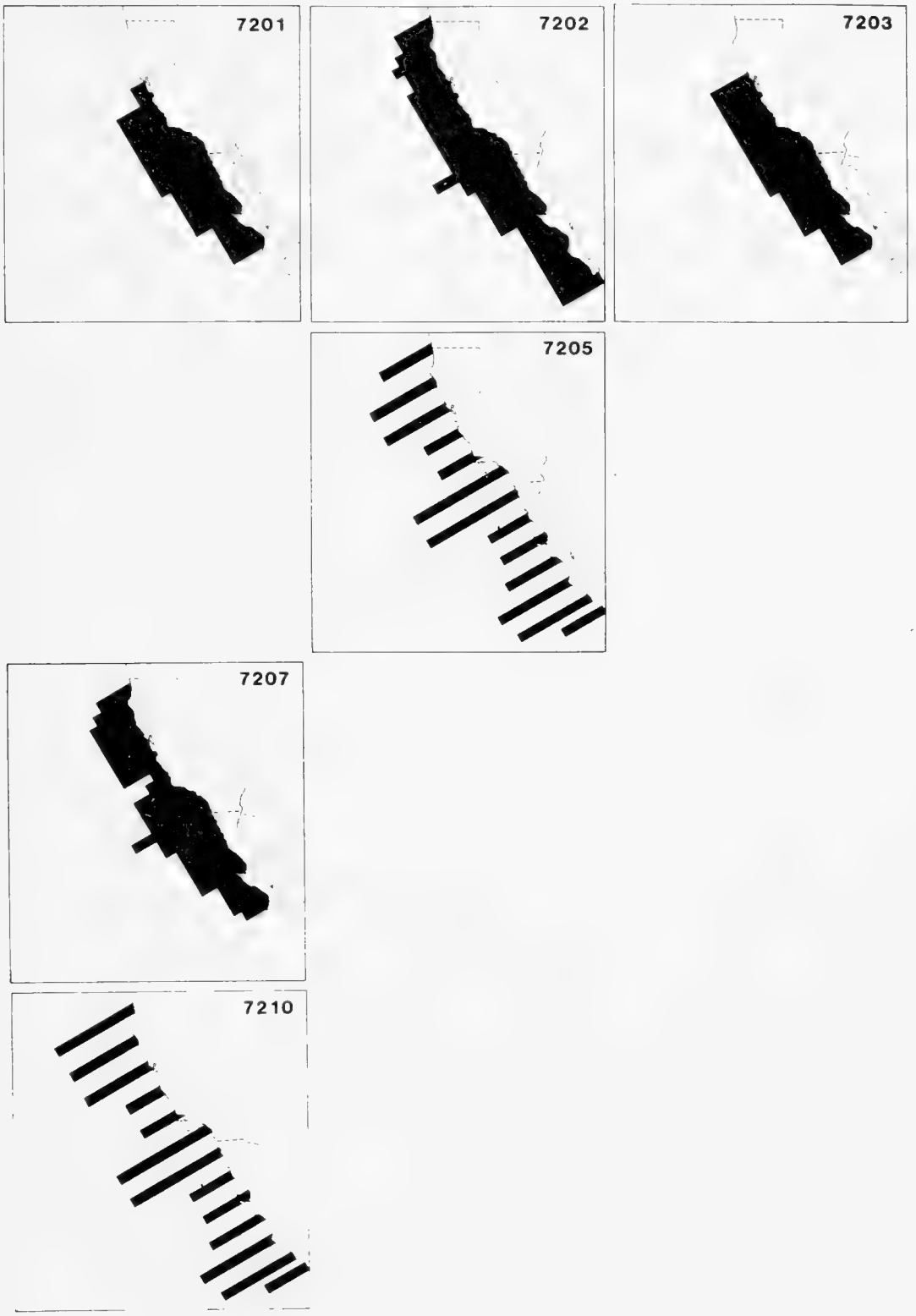

Figure 1. Composite arrangement of diagrammatic charts showing areas sampled on each CalCOFI cruise during 1972.

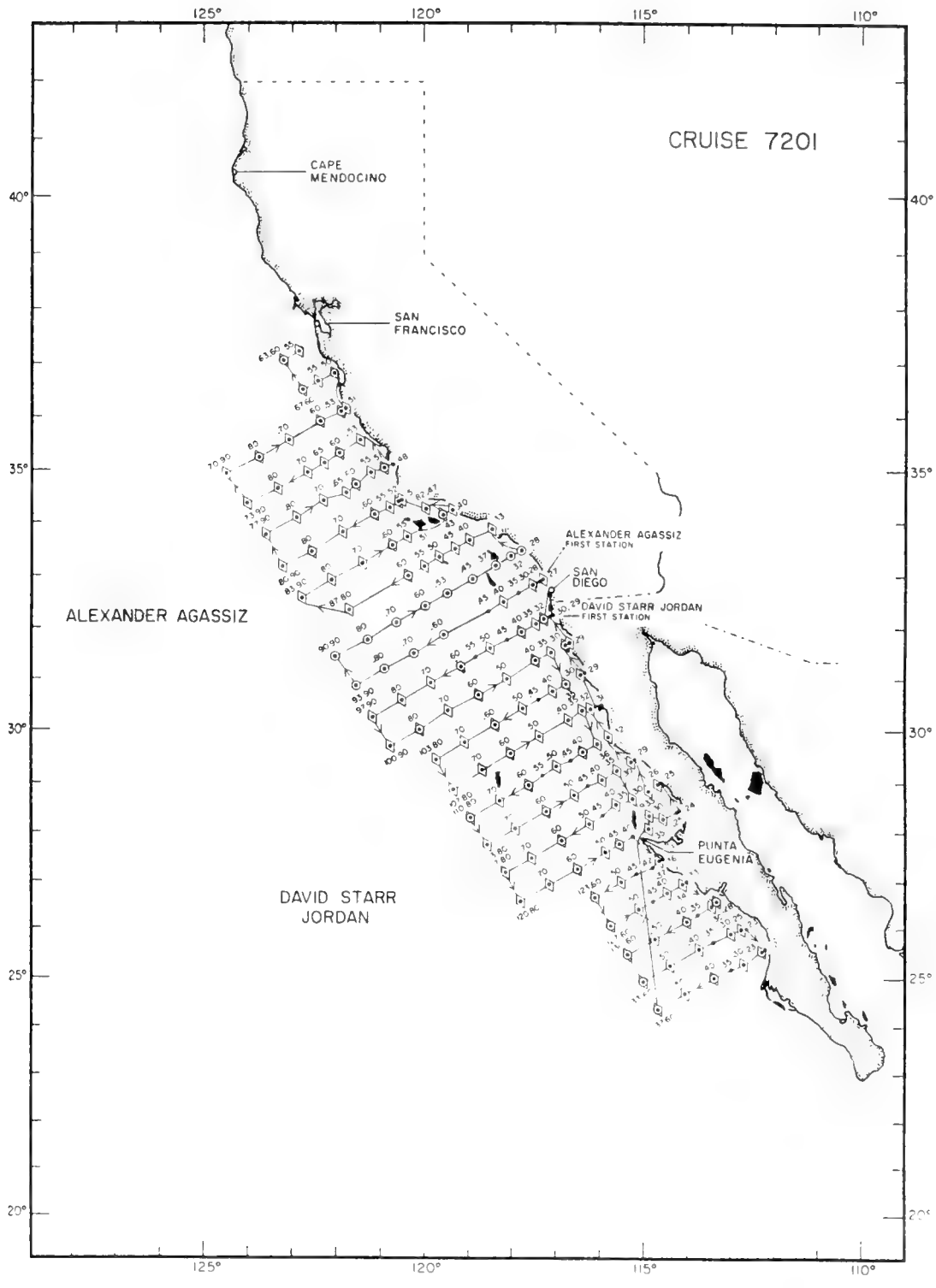

Figure 2. Station pattern for CalCOFI Cruise 7201 showing tracks for each vessel. Stations with plankton tows are indicated by a dot; circles designate hydrographic stations, and diamonds STD recordings. Figures 2, 3, and 5-8 were modified from charts in Univ. of Calif., SIO (1980, 1982, 1985) to include only those stations listed in Table 1 of this report.

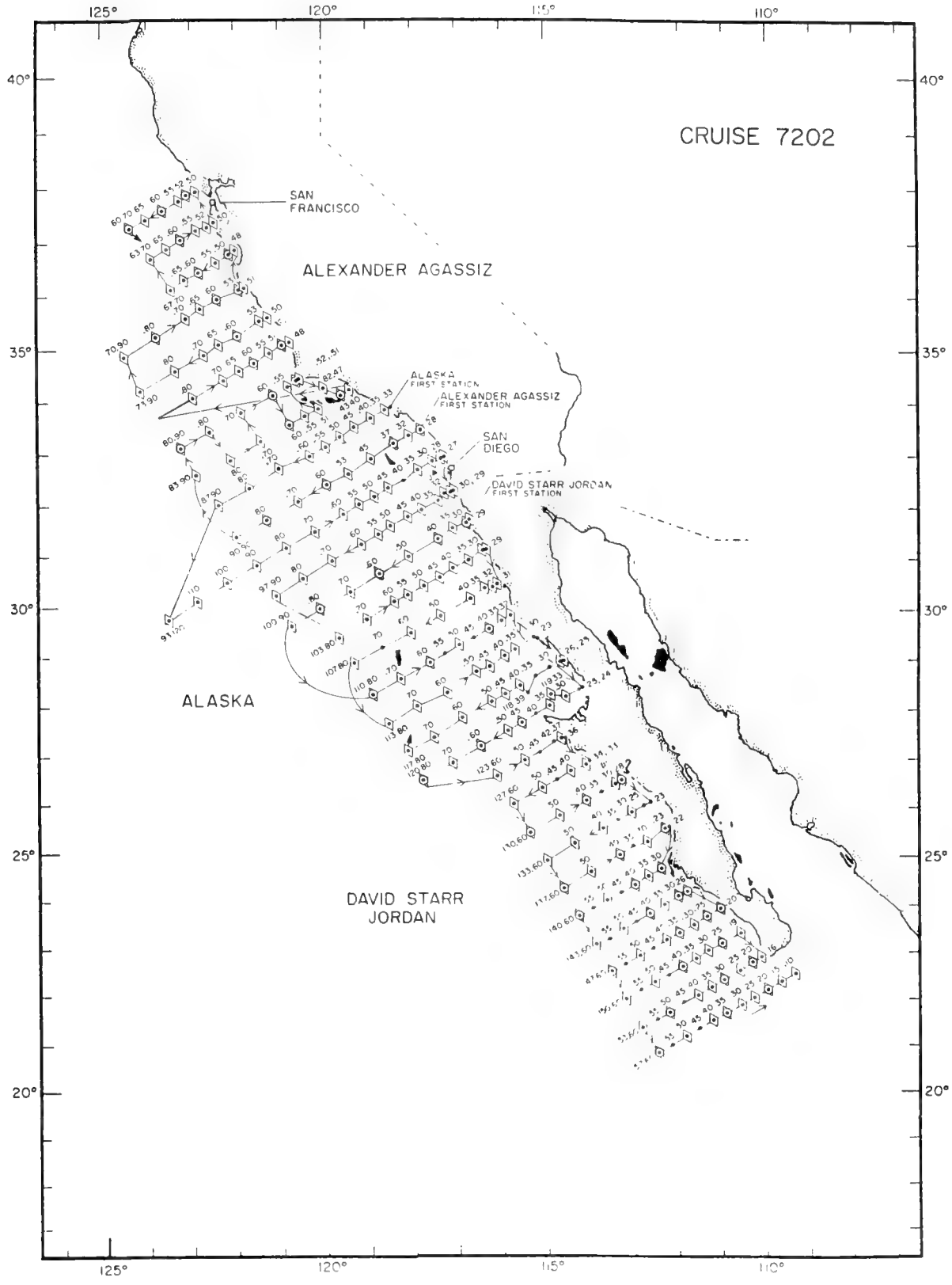

Figure 3. Station pattern for CalCOFI Cruise 7202 showing tracks for *Alexander Agassiz*, *Alaska*, and *David Starr Jordan*. Symbols as in Figure 2.

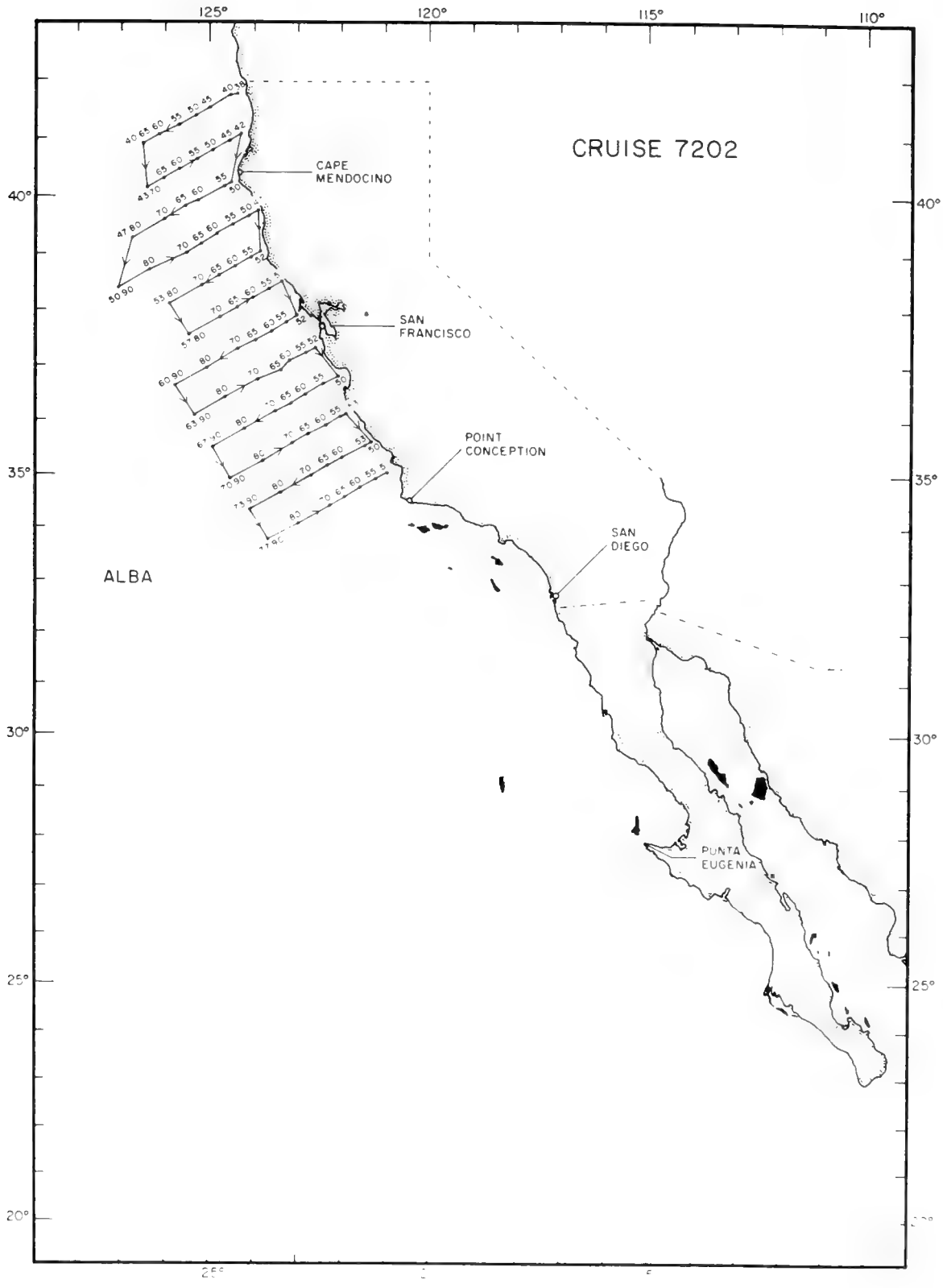

Figure 4. Station pattern for CalCOFI Cruise 7202 showing track for *Alba*. Plankton tow stations indicated by a dot.

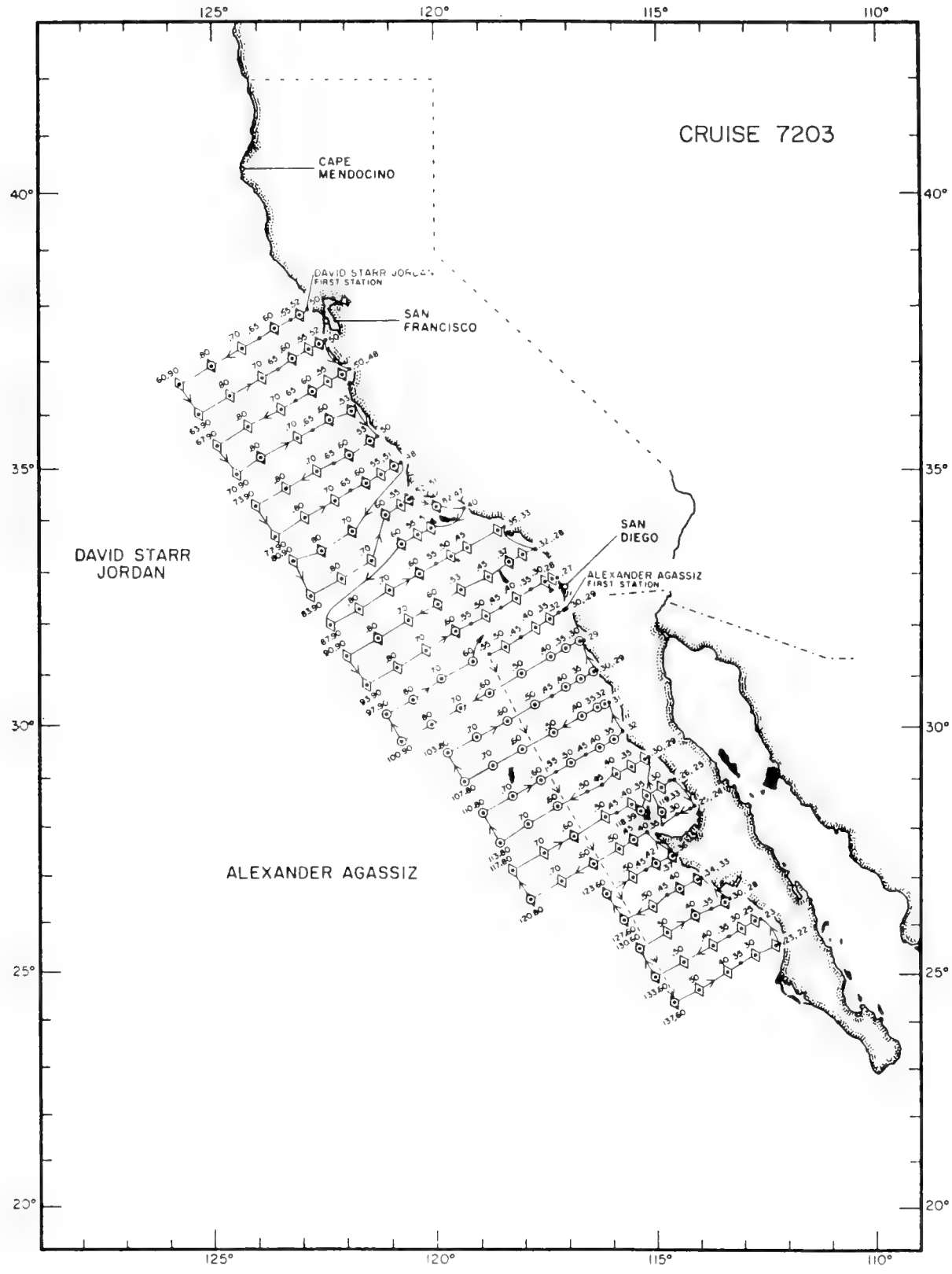

Figure 5. Station pattern for CalCOFI Cruise 7203. Symbols as in Figure 2.

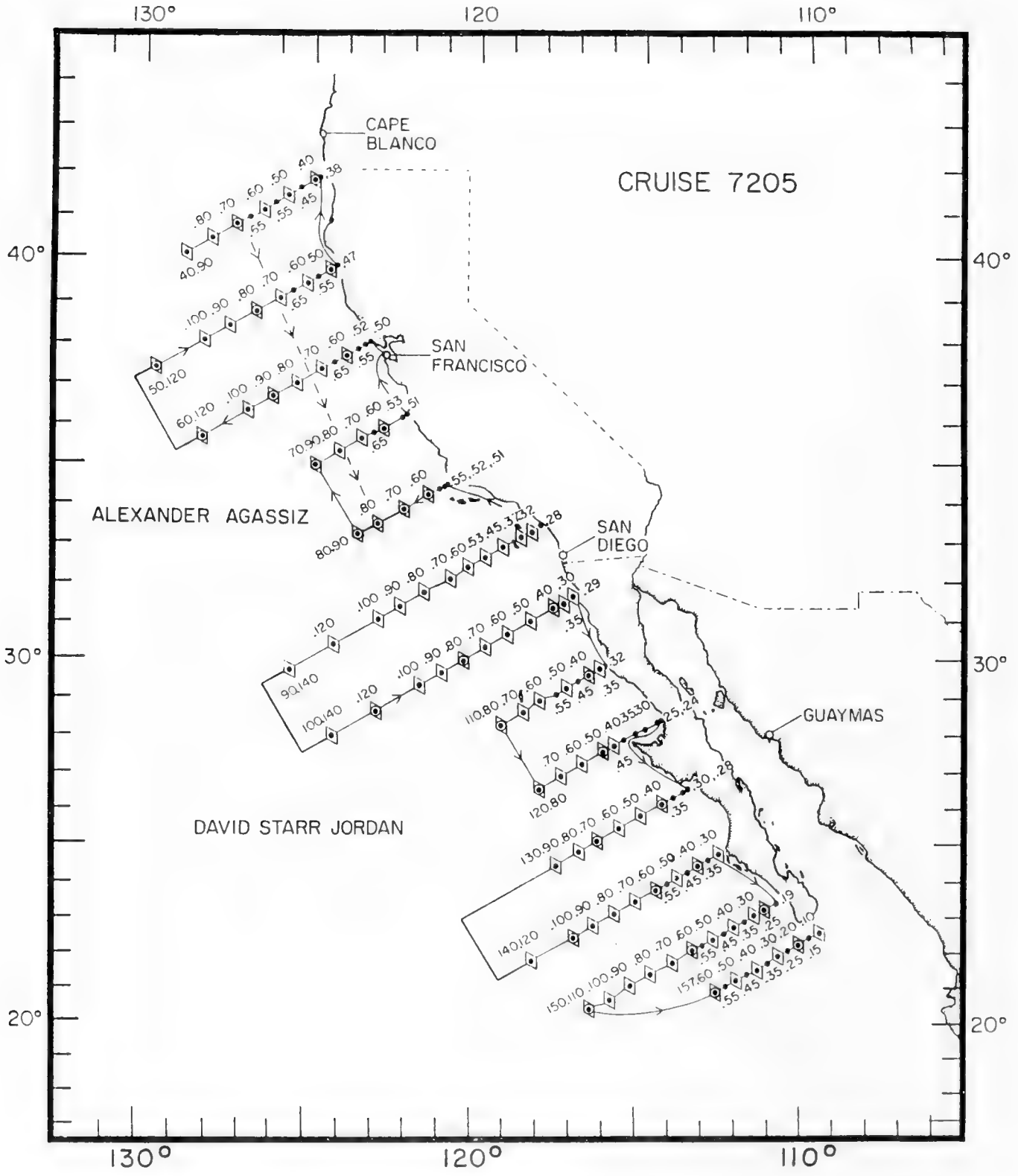

Figure 6. Station pattern for CalCOFI Cruise 7205. Symbols as in Figure 2.

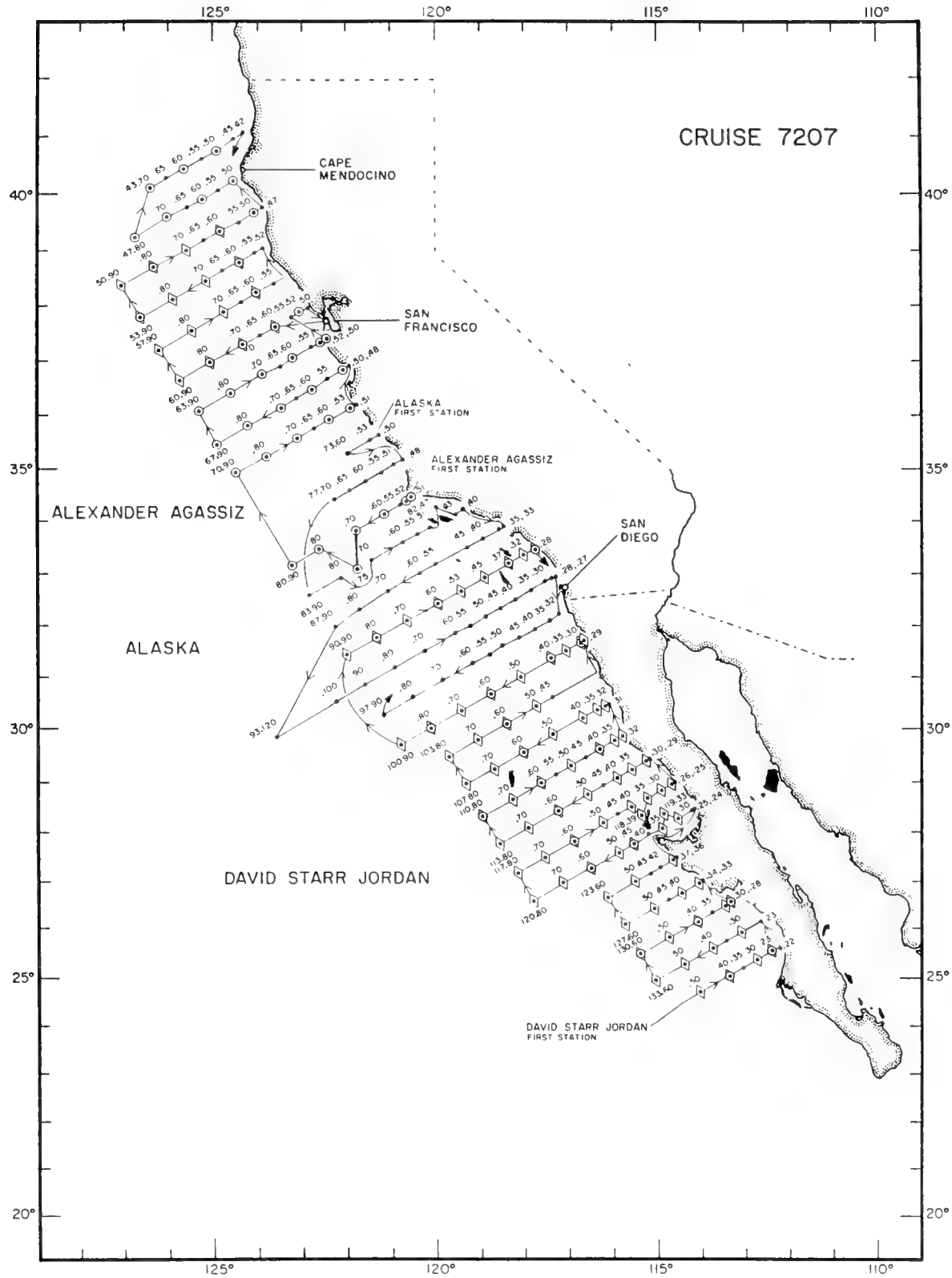

Figure 7. Station pattern for CalCOFI Cruise 7207. Symbols as in Figure 2.

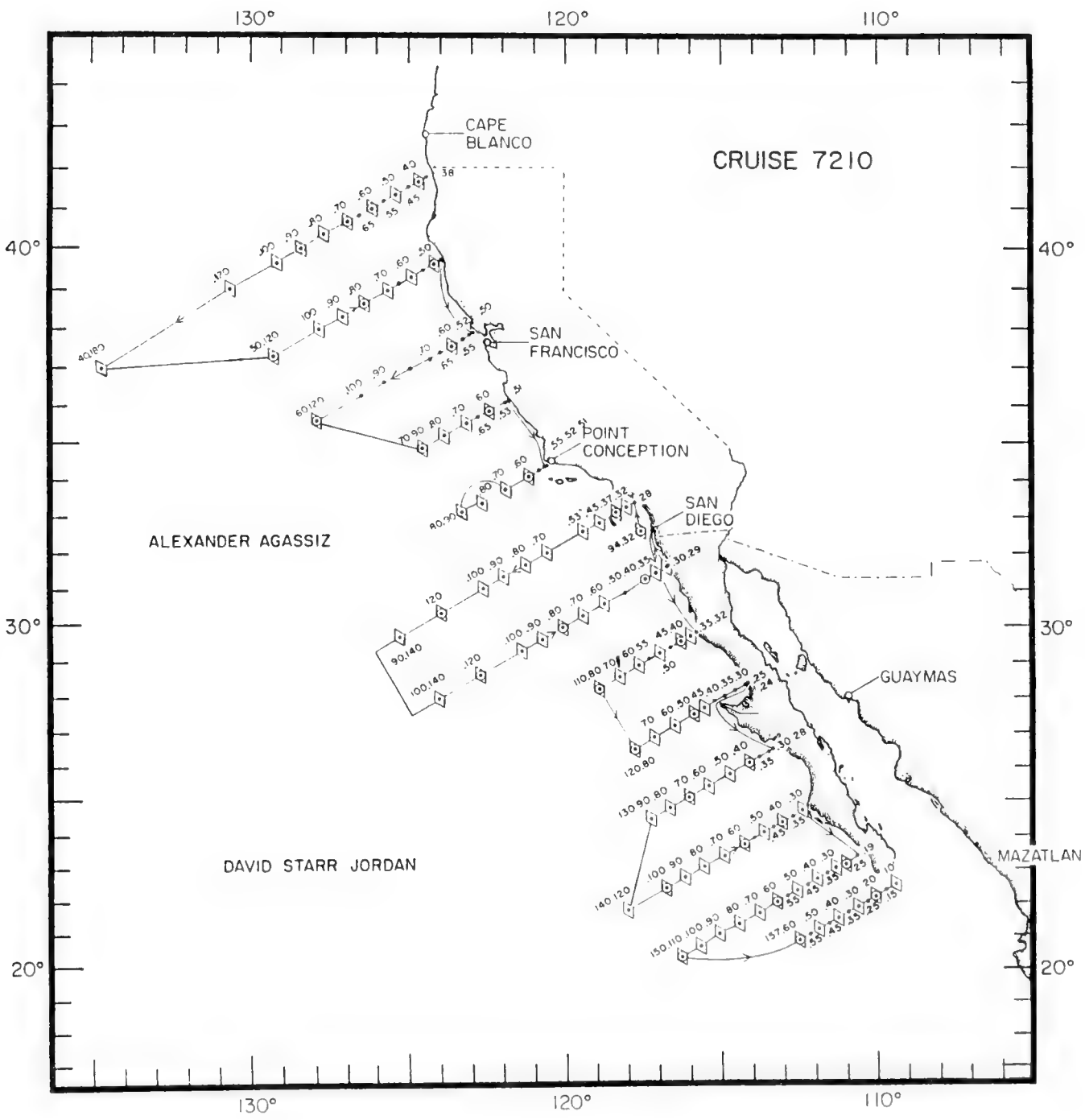

Figure 8. Station pattern for CalCOFI Cruise 7210. Symbols as in Figure 2.

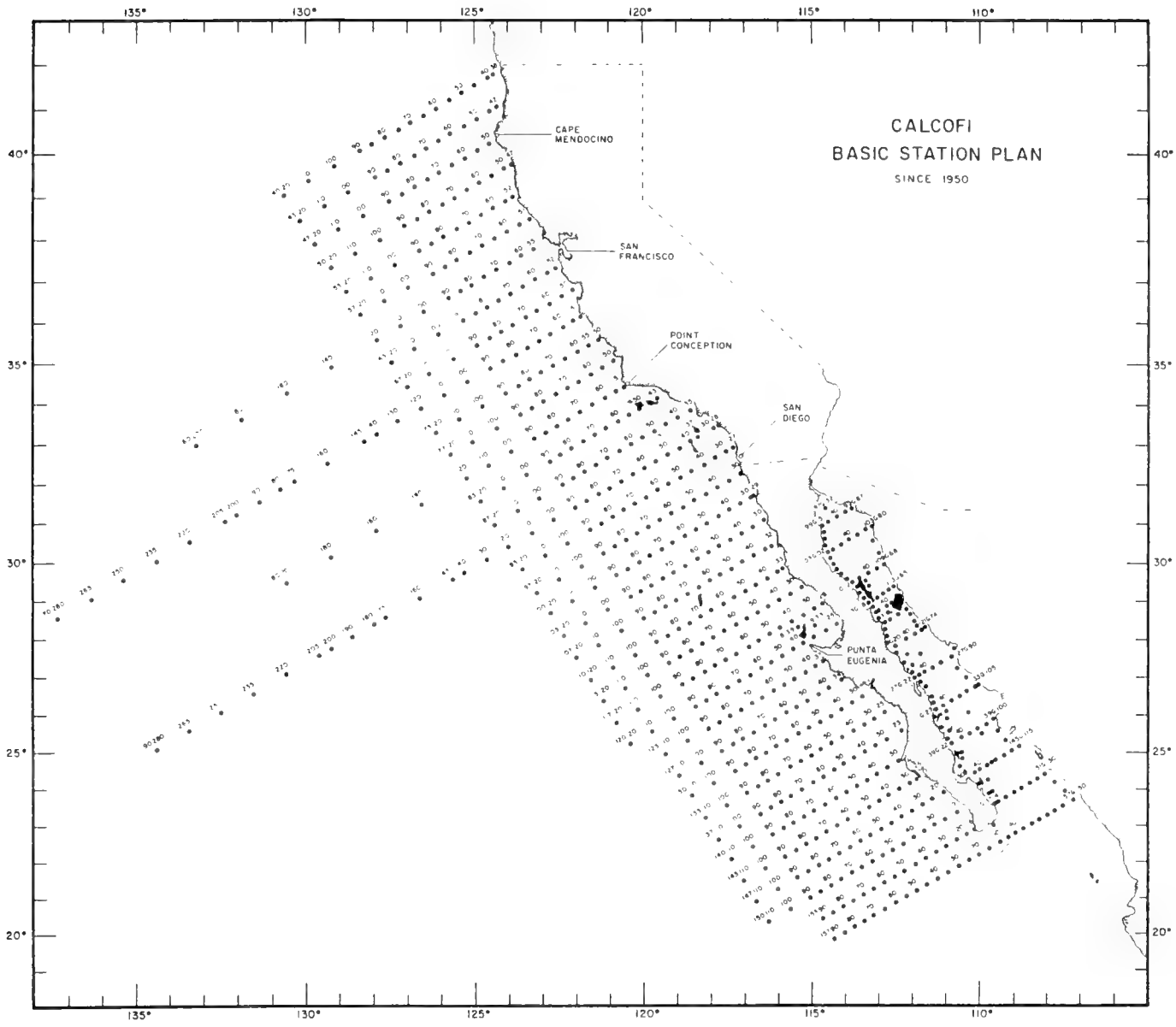

Figure 9. The basic station plan for CalCOFI cruises from 1950 to the present.

TABLE 1. Station and plankton tow data for CalCOFI cruises in 1972. Counts for fish eggs and larvae are not adjusted for standard haul factor or percent of sample sorted.

CalCOFI Cruise 7201

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
63.0	55.0	37	12.7	122	51.8	AX	72	01	25	2118	199	697	2.86	100.0	316	41
63.0	60.0	37	02.7	123	11.7	AX	72	01	25	1818	219	728	3.01	100.0	77	21
67.0	50.0	36	48.8	122	04.7	AX	72	01	25	0440	87	306	2.85	100.0	273	16
67.0	55.0	36	39.0	122	26.0	AX	72	01	25	0743	186	722	2.57	100.0	83	22
67.0	60.0	36	28.6	122	47.7	AX	72	01	25	1153	218	738	2.95	100.0	125	52
70.0	51.0	36	11.1	121	46.3	AX	72	01	24	1923	220	703	3.13	100.0	268	34
70.0	53.0	36	06.3	121	54.3	AX	72	01	24	1725	219	648	3.38	100.0	273	60
70.0	60.0	35	53.0	122	24.1	AX	72	01	24	1208	206	653	3.15	100.0	95	127
70.0	70.0	35	32.5	123	05.5	AX	72	01	24	0432	219	586	3.74	100.0	95	150
70.0	80.0	35	11.2	123	46.2	AX	72	01	23	2256	220	625	3.51	100.0	38	83
70.0	90.0	34	52.6	124	30.5	AX	72	01	23	1038	208	651	3.19	100.0	56	146
73.0	53.0	35	31.6	121	28.9	AX	72	01	22	0715	218	702	3.11	100.0	60	141
73.0	60.0	35	17.5	121	57.1	AX	72	01	22	1238	225	638	3.52	100.0	153	163
73.0	65.0	35	07.3	122	18.5	AX	72	01	22	1350	224	635	3.53	100.0	48	85
73.0	70.0	34	58.5	122	40.0	AX	72	01	22	1924	211	618	3.41	100.0	93	203
73.0	80.0	34	37.8	123	21.0	AX	72	01	23	0000	219	565	3.88	100.0	286	1461
73.0	90.0	34	20.0	124	04.0	AX	72	01	23	0530	228	614	3.71	100.0	23	54
77.0	48.0	35	06.8	120	42.4	AX	72	01	21	2320	19	114	1.64	100.0	0	0
77.0	51.0	35	01.8	120	56.0	AX	72	01	21	2125	210	676	3.10	100.0	1110	18
77.0	55.0	34	55.4	121	13.3	AX	72	01	21	1800	221	650	3.39	100.0	142	28
77.0	60.0	34	43.9	121	35.0	AX	72	01	21	1500	225	662	3.41	100.0	146	58
77.0	65.0	34	34.2	121	45.8	AX	72	01	21	1051	217	656	3.31	100.0	60	63
77.0	70.0	34	24.0	122	19.0	AX	72	01	21	0730	221	661	3.34	100.0	149	242
77.0	80.0	34	04.5	122	56.9	AX	72	01	21	0207	235	423	5.54	100.0	104	62
77.0	90.0	33	44.5	123	38.5	AX	72	01	20	2101	224	640	3.50	100.0	42	46
80.0	51.0	34	26.0	120	32.6	AX	72	01	19	1445	103	212	4.88	100.0	144	381
80.0	52.0	34	24.3	120	36.5	AX	72	01	19	1700	227	615	3.69	100.0	274	314
80.0	55.0	34	18.8	120	48.5	AX	72	01	19	1900	223	418	5.35	100.0	662	371
80.0	60.0	34	08.7	121	09.0	AX	72	01	19	2350	225	597	3.77	100.0	330	77
80.0	70.0	33	49.0	121	51.5	AX	72	01	20	0448	223	592	3.77	100.0	364	192
80.0	80.0	33	27.5	122	32.5	AX	72	01	20	1050	219	664	3.29	100.0	82	169
80.0	90.0	33	09.1	123	13.9	AX	72	01	20	1555	223	633	3.53	100.0	40	39
82.0	47.0	34	15.0	119	59.1	AX	72	01	19	1137	224	525	4.27	100.0	70	1090
83.0	40.0	34	13.5	119	21.6	AX	72	01	19	0000	223	438	5.09	100.0	504	118
83.0	43.0	34	07.8	119	34.0	AX	72	01	19	0604	223	438	5.09	100.0	504	118
83.0	51.0	33	51.7	120	07.5	AX	72	01	19	0030	223	495	4.51	100.0	94	43
83.0	55.0	33	43.8	120	24.0	AX	72	01	18	2203	218	423	5.15	100.0	513	487
83.0	60.0	33	33.0	120	46.5	AX	72	01	18	1900	224	639	3.50	100.0	48	2111
83.0	70.0	33	14.8	121	25.5	AX	72	01	18	1230	221	487	4.53	100.0	150	231
83.0	80.0	32	55.5	122	07.8	AX	72	01	18	0722	222	603	3.69	100.0	67	1667
83.0	90.0	32	33.7	122	49.0	AX	72	01	18	0057	217	638	3.41	100.0	31	45
87.0	33.0	33	53.5	118	29.2	AX	72	01	16	1358	44	125	3.56	100.0	29	409
87.0	40.0	33	39.8	118	57.6	AX	72	01	16	1800	221	624	3.54	100.0	93	811
87.0	45.0	33	29.7	119	18.4	AX	72	01	16	2121	235	386	6.10	100.0	289	1240

TABLE 1. (cont.)

CalCOFI Cruise 7201

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
87.0	50.0	33 19.6	119 39.0	AX	72 01 17	0015	61	226	2.70	100.0	752	95
87.0	55.0	33 09.9	120 00.1	AX	72 01 17	0320	230	558	4.12	100.0	144	17969
87.0	60.0	33 00.0	120 22.0	AX	72 01 17	0720	225	586	3.84	100.0	23	89
87.0	80.0	32 19.5	121 44.1	AX	72 01 17	1900	222	643	3.45	100.0	8	10
90.0	28.0	33 28.5	117 46.5	AX	72 01 15	2115	192	432	4.44	100.0	27	92
90.0	32.0	33 21.0	118 01.6	AX	72 01 15	1850	219	637	3.44	100.0	15	180
90.0	37.0	33 10.9	118 22.4	AX	72 01 15	1028	209	601	3.48	100.0	34	524
90.0	45.0	32 56.4	118 55.0	AX	72 01 15	0445	215	675	3.19	100.0	373	2007
90.0	53.0	32 39.0	119 29.1	AX	72 01 14	2307	182	731	2.48	100.0	279	6820
90.0	60.0	32 24.5	119 57.3	AX	72 01 14	1900	190	694	2.74	100.0	1	69
90.0	70.0	32 06.1	120 38.9	AX	72 01 14	1335	218	670	3.26	100.0	7	46
90.0	80.0	31 45.3	121 18.0	AX	72 01 14	0815	195	664	2.94	100.0	6	42
90.0	90.0	31 25.0	122 01.0	AX	72 01 14	0200	187	737	2.54	100.0	21	72
93.0	27.0	32 55.7	117 19.0	AX	72 01 11	2015	141	340	4.16	100.0	8	13
93.0	28.0	32 54.6	117 21.9	AX	72 01 11	2130	194	745	2.60	100.0	19	41
93.0	30.0	32 50.4	117 31.0	AX	72 01 12	0000	195	730	2.67	100.0	49	213
93.0	35.0	32 40.5	117 51.5	AX	72 01 12	0300	205	700	2.93	100.0	135	964
93.0	40.0	32 30.0	118 12.0	AX	72 01 12	0801	242	573	4.23	100.0	27	312
93.0	45.0	32 20.1	118 31.8	AX	72 01 12	1037	220	588	3.73	100.0	147	1678
93.0	60.0	31 50.2	119 34.0	AX	72 01 12	2300	184	697	2.63	100.0	109	743
93.0	70.0	31 29.5	120 15.2	AX	72 01 13	0636	218	682	3.21	100.0	8	10
93.0	80.0	31 11.6	121 54.0	AX	72 01 13	1245	213	640	3.32	100.0	15	8
93.0	90.0	30 51.5	121 34.5	AX	72 01 13	1900	196	574	3.42	100.0	5	9
97.0	29.0	32 17.6	117 04.6	JD	72 01 22	0149	43	153	2.81	100.0	27	298
97.0	30.0	32 16.2	117 07.3	JD	72 01 22	0112	51	113	4.48	100.0	8	129
97.0	32.0	32 11.5	117 15.6	JD	72 01 04	0252	210	426	4.92	100.0	26	332
97.0	35.0	32 05.5	117 27.5	JD	72 01 04	0523	189	801	2.35	100.0	10	490
97.0	40.0	31 56.0	117 48.0	JD	72 01 04	0955	213	706	3.03	100.0	30	217
97.0	45.0	31 46.5	118 08.3	JD	72 01 04	1305	209	682	3.07	100.0	9	47
97.0	50.0	31 36.0	118 30.5	JD	72 01 04	1640	212	679	3.13	100.0	17	88
97.0	55.0	31 25.5	118 49.5	JD	72 01 04	1915	213	641	3.33	100.0	47	75
97.0	60.0	31 15.5	119 10.0	JD	72 01 05	0323	217	550	3.94	100.0	9	20
97.0	70.0	30 55.0	119 50.5	JD	72 01 05	0853	208	716	2.90	100.0	1	9
97.0	80.0	30 34.6	120 31.5	JD	72 01 05	1402	213	705	3.03	100.0	6	2
97.0	90.0	30 13.5	121 10.5	JD	72 01 05	1922	211	684	3.08	100.0	10	8
100.0	29.0	31 42.0	116 43.4	JD	72 01 21	2126	85	304	2.78	100.0	68	76
100.0	30.0	31 40.5	116 46.6	JD	72 01 21	2012	209	702	2.98	100.0	70	36
100.0	35.0	31 30.5	117 07.0	JD	72 01 07	0821	218	636	3.43	100.0	14	20
100.0	40.0	31 21.9	117 26.3	JD	72 01 07	0512	207	546	3.79	100.0	11	40
100.0	50.0	31 00.0	118 07.0	JD	72 01 06	2308	210	774	2.71	100.0	25	12
100.0	60.0	30 40.0	118 47.0	JD	72 01 06	1830	217	643	3.37	100.0	67	10
100.0	70.0	30 21.0	119 28.0	JD	72 01 06	1240	214	683	3.13	100.0	4	8
100.0	80.0	30 00.0	120 07.0	JD	72 01 06	0720	209	696	3.00	100.0	12	26
100.0	90.0	29 40.0	120 46.5	JD	72 01 06	0022	218	686	3.18	100.0	20	14
103.0	29.0	31 07.1	116 21.2	JD	72 01 21	1520	29	102	2.83	100.0	26	70

TABLE 1. (cont.)

CalCOFI Cruise 7201

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
103.0	30.0	31	06.0	116	24.5	JD	72	01	21	1441	57	223	2.58	100.0	27	11
103.0	35.0	30	56.0	116	45.0	JD	72	01	07	1348	219	638	3.43	100.0	175	366
103.0	40.0	30	48.0	117	04.0	JD	72	01	07	1700	209	656	3.19	100.0	47	120
103.0	45.0	30	36.0	117	24.0	JD	72	01	07	1925	210	669	3.14	100.0	25	5
103.0	50.0	30	26.0	117	44.5	JD	72	01	07	2222	210	654	3.21	100.0	32	12
103.0	60.0	30	06.2	118	22.0	JD	72	01	08	0335	218	683	3.19	100.0	13	24
103.0	70.0	29	46.5	119	04.0	JD	72	01	08	0818	207	712	2.91	100.0	8	3
103.0	80.0	29	26.0	119	43.0	JD	72	01	08	1322	211	701	3.01	100.0	1	4
107.0	31.0	30	28.0	116	07.0	JD	72	01	21	1032	36	139	2.62	100.0	31	214
107.0	32.0	30	26.0	116	11.0	JD	72	01	21	0936	210	696	3.01	100.0	68	79
107.0	35.0	30	21.5	116	22.5	JD	72	01	09	2109	217	646	3.36	100.0	64	377
107.0	40.0	30	11.0	116	42.0	JD	72	01	09	1815	208	645	3.23	100.0	33	153
107.0	50.0	29	51.0	117	23.0	JD	72	01	09	1336	214	688	3.11	100.0	2	3
107.0	60.0	29	31.0	118	02.0	JD	72	01	09	0830	210	707	2.97	100.0	2	7
107.0	70.0	29	11.0	118	41.0	JD	72	01	09	0231	214	735	2.92	100.0	4	9
107.0	80.0	28	48.0	119	20.0	JD	72	01	08	1802	202	728	2.77	100.0	3	12
110.0	32.0	29	51.0	115	50.0	JD	72	01	21	0530	29	111	2.63	100.0	17	17
110.0	36.0	29	44.0	116	04.0	JD	72	01	10	0145	219	667	3.28	100.0	15	63
110.0	40.0	29	35.5	116	21.0	JD	72	01	10	0607	215	662	3.25	100.0	7	53
110.0	45.0	29	26.0	116	40.0	JD	72	01	10	0814	212	703	3.01	100.0	7	5
110.0	50.0	29	20.0	117	00.0	JD	72	01	10	1120	210	688	3.06	100.0	14	7
110.0	55.0	29	06.5	117	19.0	JD	72	01	10	1356	218	667	3.28	100.0	1	4
110.0	60.0	28	53.0	117	38.0	JD	72	01	10	1747	211	680	3.10	100.0	11	1
110.0	70.0	28	36.5	118	18.0	JD	72	01	10	2213	211	745	2.83	100.0	3	0
110.0	80.0	28	16.5	118	57.5	JD	72	01	11	0408	217	675	3.22	100.0	4	7
113.0	29.0	29	24.0	115	13.0	JD	72	01	20	2346	19	91	2.13	100.0	1	45
113.0	30.0	29	22.0	115	18.0	JD	72	01	21	0050	51	192	2.66	100.0	4	20
113.0	35.0	29	11.5	115	38.0	JD	72	01	12	0723	218	642	3.39	100.0	91	1441
113.0	40.0	29	01.0	115	57.2	JD	72	01	12	0439	209	679	3.08	100.0	367	405
113.0	45.0	28	52.5	116	17.0	JD	72	01	12	0149	221	672	3.28	100.0	13	195
113.0	50.0	28	41.5	116	37.0	JD	72	01	11	2337	216	659	3.28	100.0	11	1
113.0	60.0	28	22.0	117	14.0	JD	72	01	11	1908	219	662	3.31	100.0	2	2
113.0	70.0	28	02.0	117	54.8	JD	72	01	11	1347	217	684	3.17	100.0	3	0
113.0	80.0	27	42.0	118	33.5	JD	72	01	11	0845	212	718	2.96	100.0	3	9
117.0	25.0	28	58.0	114	36.5	JD	72	01	20	1700	42	158	2.68	100.0	2	24
117.0	26.0	28	56.0	114	41.5	JD	72	01	20	1748	72	239	3.00	100.0	2	11
117.0	30.0	28	48.0	114	56.5	JD	72	01	20	1949	85	299	2.84	100.0	4	99
117.0	35.0	28	38.0	115	16.0	JD	72	01	12	1131	176	603	2.92	100.0	13	344
117.0	40.0	28	32.8	115	40.0	JD	72	01	12	1431	219	652	3.36	100.0	514	424
117.0	45.0	28	18.0	115	55.0	JD	72	01	12	1643	220	652	3.38	100.0	3	12
117.0	50.0	28	09.0	116	15.0	JD	72	01	12	1949	214	675	3.17	100.0	32	14
117.0	60.0	27	48.0	116	53.0	JD	72	01	13	0116	220	646	3.40	100.0	11	1
117.0	70.0	27	28.0	117	33.0	JD	72	01	13	0540	217	661	3.28	100.0	6	3
117.0	80.0	27	08.0	118	10.5	JD	72	01	13	1020	217	692	3.13	100.0	24	70
119.0	33.0	28	19.0	114	53.0	JD	72	01	20	0743	102	328	3.10	100.0	0	127

TABLE 1. (cont.)

CalCOFI Cruise 7201

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
120.0	24.0	28	24.0	114	10.5	JD	72	01	20	1315	29	102	2.86	100.0	3	22
120.0	25.0	28	22.3	114	14.8	JD	72	01	20	1222	28	102	2.77	100.0	7	125
120.0	30.0	28	13.0	114	34.0	JD	72	01	20	1000	78	326	2.40	100.0	0	60
120.0	35.0	28	02.7	114	54.2	JD	72	01	20	0525	72	248	2.88	100.0	1	41
120.0	40.0	27	56.5	115	14.0	JD	72	01	14	1725	35	145	2.39	100.0	28	14
120.0	45.0	27	42.3	115	33.1	JD	72	01	14	1406	216	693	3.11	100.0	1	94
120.0	50.0	27	33.0	115	52.5	JD	72	01	14	0945	205	697	2.95	100.0	1	0
120.0	60.0	27	11.5	116	30.5	JD	72	01	14	0513	211	675	3.13	100.0	10	6
120.0	70.0	26	53.0	117	10.0	JD	72	01	13	2326	213	686	3.10	100.0	12	1
120.0	80.0	26	32.0	117	49.0	JD	72	01	13	1843	209	722	2.89	100.0	0	3
123.0	36.0	27	26.0	114	36.0	JD	72	01	14	2158	35	133	2.65	100.0	5	155
123.0	37.0	27	24.0	114	40.0	JD	72	01	14	2252	51	177	2.87	100.0	36	138
123.0	42.0	27	14.0	114	48.8	JD	72	01	15	0059	218	692	3.15	100.0	101	246
123.0	45.0	27	08.0	115	10.0	JD	72	01	15	0242	217	412	5.27	100.0	15	9
123.0	50.0	26	58.0	115	31.0	JD	72	01	15	0532	216	639	3.38	100.0	1	3
123.0	60.0	26	38.0	116	09.0	JD	72	01	15	1142	213	684	3.11	100.0	1	9
127.0	33.0	26	57.5	114	02.2	JD	72	01	16	0635	42	154	2.75	100.0	15	203
127.0	34.0	26	55.0	114	06.5	JD	72	01	16	0546	72	230	3.11	100.0	44	676
127.0	40.0	26	43.5	114	29.0	JD	72	01	16	0253	218	643	3.39	100.0	35	13
127.0	45.0	26	33.0	114	48.5	JD	72	01	15	2348	211	704	3.00	100.0	98	428
127.0	50.0	26	23.0	115	08.0	JD	72	01	15	2127	216	678	3.18	100.0	13	28
127.0	60.0	26	04.8	115	46.1	JD	72	01	15	1656	214	668	3.20	100.0	5	40
130.0	28.0	26	33.5	113	21.0	JD	72	01	16	1113	49	164	3.03	100.0	26	386
130.0	30.0	26	29.0	113	29.0	JD	72	01	16	1227	71	239	2.95	100.0	61	103
130.0	35.0	26	19.0	113	48.0	JD	72	01	16	1427	212	694	3.06	100.0	84	94
130.0	40.0	26	10.0	114	07.5	JD	72	01	16	1830	210	675	3.11	100.0	205	4524
130.0	50.0	25	48.0	114	47.0	JD	72	01	16	2318	207	698	2.97	100.0	2	6
130.0	60.0	25	29.0	115	24.0	JD	72	01	17	0447	209	643	3.25	100.0	11	136
133.0	23.0	26	08.5	112	40.2	JD	72	01	18	0814	63	235	2.68	100.0	10	253
133.0	25.0	26	04.0	112	47.0	JD	72	01	18	0712	65	260	2.51	100.0	9	110
133.0	30.0	25	55.0	113	07.5	JD	72	01	18	0442	175	546	3.21	100.0	35	7
133.0	35.0	25	44.5	113	26.0	JD	72	01	18	0213	215	642	3.35	100.0	954	196
133.0	40.0	25	34.5	113	45.5	JD	72	01	17	2358	212	625	3.39	100.0	1779	133
133.0	50.0	25	13.5	114	24.0	JD	72	01	17	1917	214	661	3.24	100.0	8	43
133.0	60.0	24	54.0	115	02.3	JD	72	01	17	1450	214	669	3.20	100.0	2	3
137.0	22.0	25	35.9	112	15.0	JD	72	01	18	1230	51	180	2.81	100.0	871	752
137.0	23.0	25	34.1	112	19.2	JD	72	01	18	1347	65	209	3.08	100.0	217	448
137.0	30.0	25	17.0	112	45.5	JD	72	01	18	1650	210	584	3.59	100.0	450	8
137.0	35.0	25	10.3	113	05.0	JD	72	01	18	1904	208	587	3.55	100.0	42	1086
137.0	40.0	25	00.0	113	24.0	JD	72	01	18	2238	204	642	3.18	100.0	64	390
137.0	50.0	24	39.6	114	02.8	JD	72	01	19	0322	215	648	3.31	100.0	68	301
137.0	60.0	24	20.0	114	41.0	JD	72	01	19	0855	211	676	3.12	100.0	62	682

TABLE 1. (cont.)

CalCOFI Cruise 7202

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
40.0	38.0	41	47.0	124	28.0	AB	72	02	24	1400	122	491	4.98	50.0	11	3
40.0	40.0	41	44.8	124	35.2	AB	72	02	24	1700	199	780	5.10	50.0	13	3
40.0	45.0	41	32.5	125	00.7	AB	72	02	24	2200	219	484	9.06	50.0	27	28
40.0	50.0	41	23.3	125	22.2	AB	72	02	25	0025	217	596	7.30	50.0	76	28
40.0	55.0	41	13.0	125	45.0	AB	72	02	25	0400	217	641	6.78	50.0	100	121
40.0	60.0	41	03.0	126	10.8	AB	72	02	25	0855	168	758	4.44	50.0	75	78
40.0	65.0	40	53.8	126	32.0	AB	72	02	25	1510	167	742	4.50	50.0	39	74
43.0	42.0	41	04.2	124	21.0	AB	72	02	26	1620	130	428	6.06	50.0	84	16
43.0	45.0	40	58.2	124	34.7	AB	72	02	26	1330	209	651	6.42	50.0	15	17
43.0	50.0	40	47.9	124	59.1	AB	72	02	26	1010	208	656	6.34	50.0	26	35
43.0	55.0	40	38.0	125	19.9	AB	72	02	26	0631	218	648	6.72	50.0	53	19
43.0	60.0	40	28.0	125	42.8	AB	72	02	26	0223	210	686	6.12	50.0	47	39
43.0	65.0	40	18.0	126	05.5	AB	72	02	25	2355	208	711	5.84	50.0	95	63
43.0	70.0	40	08.0	126	28.0	AB	72	02	25	1920	213	641	6.64	50.0	59	27
47.0	50.0	40	14.0	124	33.0	AB	72	02	27	0605	182	678	5.38	50.0	156	64
47.0	55.0	40	10.0	124	42.2	AB	72	02	27	0855	207	616	6.74	50.0	37	30
47.0	60.0	39	54.9	125	17.5	AB	72	02	27	1335	201	700	5.74	50.0	23	20
47.0	65.0	39	48.8	125	33.7	AB	72	02	27	1735	191	693	5.52	50.0	43	63
47.0	70.0	39	35.0	126	01.5	AB	72	02	27	2235	208	592	7.04	50.0	90	39
47.0	80.0	39	15.0	126	47.0	AB	72	02	28	0422	220	585	7.52	50.0	125	68
50.0	47.0	39	45.5	123	55.0	AB	72	02	29	1910	107	321	6.66	50.0	19	12
50.0	50.0	39	40.1	124	08.1	AB	72	02	29	1505	218	564	7.74	50.0	12	11
50.0	55.0	39	30.0	124	30.0	AB	72	02	29	1118	221	655	6.74	50.0	20	19
50.0	60.0	39	20.0	124	51.5	AB	72	02	29	0803	217	664	6.54	50.0	28	18
50.0	65.0	39	09.6	125	12.8	AB	72	02	29	0354	208	679	6.12	50.0	32	30
50.0	70.0	39	00.0	125	32.1	AB	72	02	28	2325	213	699	6.10	50.0	31	16
50.0	80.0	38	40.0	126	21.0	AB	72	02	28	1710	202	652	6.20	50.0	11	31
50.0	90.0	38	21.5	127	04.0	AB	72	02	28	1215	205	606	6.76	50.0	10	30
53.0	52.0	39	02.0	123	52.0	AB	72	03	01	0330	93	268	6.94	50.0	25	5
53.0	55.0	38	56.0	124	05.0	AB	72	03	01	0618	211	637	6.64	50.0	27	10
53.0	60.0	38	46.0	124	27.0	AB	72	03	01	0951	213	575	7.42	50.0	19	41
53.0	65.0	38	36.2	124	48.5	AB	72	03	01	1335	219	577	7.60	50.0	25	14
53.0	70.0	38	26.0	125	11.0	AB	72	03	01	1720	217	593	7.30	50.0	22	18
53.0	80.0	38	06.0	125	55.0	AB	72	03	01	2250	183	634	5.78	50.0	44	33
57.0	51.0	38	30.0	123	23.0	AB	72	03	02	2350	73	214	6.84	50.0	56	11
57.0	55.0	38	22.6	123	40.0	AB	72	03	02	1910	207	683	6.06	50.0	70	10
57.0	60.0	38	12.0	124	02.0	AB	72	03	02	1550	221	563	7.84	50.0	5	17
57.0	65.0	38	02.0	124	24.0	AB	72	03	02	1235	217	519	8.35	50.0	4	14
57.0	70.0	37	51.0	124	47.0	AB	72	03	02	0920	214	581	7.36	50.0	38	36
57.0	80.0	37	32.0	125	29.0	AB	72	03	02	0432	209	657	6.34	50.0	31	13
60.0	50.0	37	57.5	122	53.0	AX	72	02	26	1844	32	198	1.60	100.0	12	143
60.0	52.0	37	54.0	123	02.8	AX	72	02	26	2019	71	205	3.48	100.0	23	151
60.0	52.0	37	54.0	123	01.7	AB	72	03	03	2112	49	195	5.02	50.0	23	123
60.0	55.0	37	47.9	123	15.6	AX	72	02	26	2218	98	277	3.52	100.0	138	41
60.0	55.0	37	47.0	123	15.0	AB	72	03	04	0950	215	631	6.82	50.0	46	21

TABLE 1. (cont.)

CalCOFI Cruise 7202

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
60.0	60.0	37	36.9	123	36.9	AX	72	02	27	0402	217	644	3.37	100.0	156	675
60.0	60.0	37	37.4	123	37.0	AB	72	03	04	1305	212	499	8.47	50.0	54	154
60.0	65.0	37	25.4	124	04.0	AX	72	02	27	0655	222	477	4.65	100.0	135	249
60.0	65.0	37	27.0	123	59.0	AB	72	03	04	1655	210	583	7.18	50.0	124	80
60.0	70.0	37	17.0	124	21.0	AB	72	03	04	2020	204	627	6.52	50.0	30	25
60.0	70.0	37	16.5	124	23.0	AX	72	02	27	1106	216	649	3.33	100.0	61	119
60.0	80.0	36	56.0	125	04.0	AB	72	03	05	0212	215	633	6.80	50.0	58	15
60.0	90.0	36	37.0	125	47.0	AB	72	03	05	0727	209	647	6.44	50.0	13	13
63.0	50.0	37	23.4	122	27.8	AX	72	02	26	1438	18	78	2.29	100.0	148	1430
63.0	52.0	37	19.0	122	36.0	AB	72	03	06	1335	56	301	3.72	50.0	34	409
63.0	52.0	37	19.0	122	36.3	AX	72	02	26	1232	77	207	3.72	100.0	170	201
63.0	55.0	37	12.8	122	50.2	AX	72	02	26	1030	216	627	3.44	100.0	51	21
63.0	55.0	37	13.0	122	49.5	AB	72	03	06	1057	207	630	6.56	50.0	7	17
63.0	60.0	37	02.6	123	11.1	AX	72	02	26	0756	220	676	3.25	100.0	51	27
63.0	60.0	37	04.3	123	11.0	AB	72	03	06	0711	213	600	7.12	50.0	60	98
63.0	65.0	36	52.3	123	32.2	AX	72	02	26	0341	212	636	3.33	100.0	121	104
63.0	65.0	36	53.0	123	22.0	AB	72	03	06	0250	207	593	6.98	50.0	15	19
63.0	70.0	36	41.3	123	56.0	AX	72	02	26	0018	208	661	3.15	100.0	8	93
63.0	70.0	36	43.0	123	55.0	AB	72	03	05	2300	202	688	5.88	50.0	21	26
63.0	80.0	36	23.0	124	38.5	AB	72	03	05	1715	203	673	6.04	50.0	15	16
63.0	90.0	36	03.0	125	20.0	AB	72	03	05	1215	207	663	6.26	50.0	5	34
67.0	48.0	36	50.8	122	00.5	AX	72	02	24	1738	72	352	2.06	100.0	69	26
67.0	50.0	36	49.0	122	04.5	AX	72	02	24	1920	102	311	3.28	100.0	487	54
67.0	50.0	36	48.0	122	05.0	AB	72	03	07	0210	54	208	5.20	50.0	146	20
67.0	55.0	36	38.7	122	25.7	AX	72	02	24	2240	210	734	2.86	100.0	55	40
67.0	55.0	36	39.0	122	26.0	AB	72	03	07	0813	216	582	7.42	50.0	67	63
67.0	60.0	36	28.0	122	46.6	AB	72	03	07	1133	213	593	7.18	50.0	60	52
67.0	60.0	36	29.0	122	47.5	AX	72	02	25	0342	203	700	2.91	100.0	380	247
67.0	65.0	36	18.9	123	08.7	AX	72	02	25	1510	207	675	3.06	100.0	54	49
67.0	65.0	36	18.2	123	09.0	AB	72	03	07	1440	212	604	7.04	50.0	15	18
67.0	70.0	36	08.2	123	29.7	AX	72	02	25	1829	210	679	3.09	100.0	54	75
67.0	70.0	36	08.0	123	29.5	AB	72	03	07	1720	208	594	7.00	50.0	28	17
67.0	80.0	35	48.0	124	12.0	AB	72	03	07	2225	212	606	7.00	50.0	13	19
67.0	90.0	35	28.0	124	55.0	AB	72	03	08	0330	219	647	6.78	50.0	15	4
70.0	51.0	36	10.4	121	46.0	AX	72	02	24	1232	211	705	2.99	100.0	38	14
70.0	53.0	36	06.5	121	54.0	AX	72	02	24	1034	217	743	2.92	100.0	154	144
70.0	53.0	36	06.0	121	54.0	AB	72	03	09	0853	212	626	6.76	50.0	34	24
70.0	55.0	36	02.8	122	01.6	AB	72	03	09	0557	206	653	6.32	50.0	18	18
70.0	60.0	35	53.0	122	22.0	AB	72	03	09	0210	210	622	6.74	50.0	28	23
70.0	60.0	35	53.5	122	23.8	AX	72	02	24	0440	222	608	3.66	100.0	426	266
70.0	65.0	35	42.8	122	45.0	AX	72	02	24	0004	216	634	3.41	100.0	408	240
70.0	65.0	35	43.0	122	46.0	AB	72	03	08	2155	207	655	6.32	50.0	120	24
70.0	70.0	35	33.0	123	06.0	AB	72	03	08	1830	214	669	6.40	50.0	89	10
70.0	70.0	35	33.1	123	05.3	AX	72	02	23	1953	226	576	3.92	100.0	106	30
70.0	80.0	35	13.0	123	47.5	AX	72	02	23	1424	229	661	3.47	100.0	31	29

TABLE 1. (cont.)

CalCOFI Cruise 7202

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
70.0	80.0	35	13.5	123	47.5	AB	72	03	08	1325	213	655	6.50	50.0	3	4
70.0	90.0	34	52.8	124	30.0	AX	72	02	23	0702	215	693	3.10	100.0	195	14
70.0	90.0	34	53.0	124	30.0	AB	72	03	08	0902	211	641	6.58	50.0	15	4
73.0	50.0	35	35.6	121	19.8	AB	72	03	09	1420	209	620	6.76	50.0	15	16
73.0	50.0	35	37.2	121	17.4	AX	72	02	22	0030	96	391	2.47	100.0	624	16
73.0	53.0	35	31.4	121	28.4	AX	72	02	22	0346	208	561	3.71	100.0	192	9
73.0	53.0	35	31.0	121	28.0	AB	72	03	09	2110	199	647	6.14	50.0	98	22
73.0	60.0	35	17.8	121	57.4	AX	72	02	22	0853	216	704	3.07	100.0	1028	290
73.0	60.0	35	17.5	121	58.0	AB	72	03	10	0659	211	680	6.22	50.0	30	28
73.0	65.0	35	06.1	122	20.5	AX	72	02	22	1219	221	695	3.18	100.0	294	174
73.0	65.0	35	08.0	122	19.0	AB	72	03	10	1019	216	569	7.60	50.0	25	47
73.0	70.0	34	58.0	122	40.0	AB	72	03	10	1335	215	613	7.02	50.0	84	131
73.0	70.0	34	56.9	122	40.9	AX	72	02	22	1535	244	590	4.14	100.0	75	21
73.0	80.0	34	38.0	123	22.0	AB	72	03	10	1910	210	640	6.56	50.0	66	44
73.0	80.0	34	38.5	123	21.3	AX	72	02	22	2019	222	736	3.02	100.0	4	16
73.0	90.0	34	19.0	124	04.2	AX	72	02	23	0138	216	670	3.23	100.0	48	31
73.0	90.0	34	18.0	124	04.0	AB	72	03	11	0040	212	613	6.92	50.0	50	10
77.0	48.0	35	08.0	120	43.2	AX	72	02	17	1100	17	148	1.17	100.0	1338	1297
77.0	51.0	35	02.0	120	56.5	AB	72	03	12	0556	209	658	6.34	50.0	49	36
77.0	51.0	35	01.9	120	56.3	AX	72	02	17	0854	218	636	3.43	100.0	5817	33
77.0	55.0	34	54.0	121	13.0	AB	72	03	12	0215	206	703	5.86	50.0	61	52
77.0	55.0	34	54.3	121	12.5	AX	72	02	17	0547	222	536	4.15	100.0	465	193
77.0	60.0	34	44.5	121	33.6	AX	72	02	17	0250	225	685	3.28	100.0	73	144
77.0	60.0	34	44.0	121	34.0	AB	72	03	11	2223	205	637	6.44	50.0	74	432
77.0	65.0	34	32.8	121	53.8	AX	72	02	16	2319	209	659	3.17	100.0	1935	63
77.0	65.0	34	34.0	121	55.0	AB	72	03	11	1915	208	626	6.64	50.0	241	102
77.0	70.0	34	25.1	122	15.2	AX	72	02	16	1755	223	491	4.54	100.0	118	157
77.0	70.0	34	24.2	122	16.0	AB	72	03	11	1605	209	599	7.00	50.0	164	191
77.0	80.0	34	04.0	122	57.0	AB	72	03	11	1056	210	645	6.54	50.0	19	50
77.0	80.0	34	05.0	122	56.0	AX	72	02	16	1250	231	611	3.78	100.0	59	237
77.0	90.0	33	44.5	123	38.5	AB	72	03	11	0531	212	646	6.58	50.0	20	9
80.0	51.0	34	26.1	120	32.5	AX	72	02	13	0226	72	229	3.14	100.0	43	66
80.0	52.0	34	24.3	120	36.5	AX	72	02	13	0106	221	639	3.46	100.0	260	282
80.0	55.0	34	18.8	120	48.4	AX	72	02	12	2155	213	633	3.36	100.0	116	159
80.0	60.0	34	09.0	121	09.0	AX	72	02	12	0420	226	621	3.63	100.0	11	74
80.0	70.0	33	49.0	121	51.0	AX	72	02	11	2157	211	670	3.15	100.0	242	162
80.0	80.0	33	28.0	122	30.8	AX	72	02	11	0703	221	654	3.38	100.0	20	82
80.0	90.0	33	09.6	123	13.0	AX	72	02	11	0148	226	551	4.10	100.0	67	43
82.0	47.0	34	15.0	119	59.2	AX	72	02	13	0629	229	481	4.76	100.0	103	1998
83.0	40.0	34	13.7	119	21.8	AX	72	02	13	1147	15	89	1.69	100.0	35	48
83.0	43.0	34	07.5	119	33.6	AX	72	02	13	0951	215	655	3.28	100.0	368	290
83.0	51.0	33	51.8	120	07.5	AX	72	02	12	1628	105	231	4.56	100.0	194	119
83.0	55.0	33	44.0	120	24.8	AX	72	02	12	1342	213	654	3.26	100.0	1074	853
83.0	60.0	33	33.8	120	45.4	AX	72	02	12	1036	217	627	3.47	100.0	829	692
83.0	70.0	33	14.4	121	25.8	AX	72	02	11	1653	220	643	3.43	100.0	111	106

TABLE 1. (cont.)

CalCOFI Cruise 7202

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
83.0	80.0	32	53.0	122	07.8	AX	72	02	11	1157	225	617	3.64	100.0	74	118
83.0	90.0	32	36.5	122	54.0	AX	72	02	10	1931	208	658	3.15	100.0	143	34
87.0	33.0	33	54.2	118	29.4	AL	72	02	08	1425	36	194	1.86	100.0	105	1459
87.0	35.0	33	50.0	118	37.5	AL	72	02	08	1735	197	882	2.23	100.0	70	1107
87.0	40.0	33	40.0	118	57.7	AL	72	02	08	2125	206	649	3.17	100.0	78	1302
87.0	45.0	33	30.0	119	20.0	AL	72	02	09	0130	184	660	2.79	100.0	2	49
87.0	50.0	33	20.0	119	39.5	AL	72	02	09	0500	26	196	1.32	100.0	149	1270
87.0	55.0	33	09.2	119	59.4	AL	72	02	09	0835	211	656	3.21	100.0	1299	749
87.0	60.0	32	59.5	120	20.9	AL	72	02	09	1209	204	759	2.68	100.0	2400	5763
87.0	70.0	32	41.0	121	01.0	AL	72	02	09	1900	208	714	2.91	100.0	36	152
87.0	80.0	32	20.0	121	42.0	AL	72	02	10	0121	188	730	2.58	100.0	32	96
87.0	90.0	32	00.0	122	24.0	AL	72	02	10	0725	210	687	3.06	100.0	5	26
90.0	28.0	33	28.3	117	47.0	AX	72	02	08	1512	223	627	3.56	100.0	251	1584
90.0	32.0	33	20.7	118	02.6	AX	72	02	08	1714	232	636	3.65	100.0	325	3663
90.0	37.0	33	11.1	118	22.5	AX	72	02	08	2352	223	607	3.67	100.0	968	2228
90.0	45.0	32	54.8	118	55.8	AX	72	02	09	0522	221	637	3.48	100.0	596	1076
90.0	53.0	32	38.6	119	28.2	AX	72	02	09	1007	216	618	3.50	100.0	131	748
90.0	60.0	32	24.6	119	57.4	AX	72	02	09	1609	214	677	3.16	100.0	333	1261
90.0	70.0	32	06.0	120	36.3	AX	72	02	09	2145	218	635	3.43	100.0	205	73
90.0	80.0	31	43.5	121	19.3	AX	72	02	10	0425	226	498	4.55	100.0	11	29
90.0	90.0	31	21.0	121	58.0	AX	72	02	10	0907	216	651	3.32	100.0	6	22
93.0	27.0	32	56.0	117	19.0	AL	72	02	13	1712	120	263	4.56	100.0	157	109
93.0	28.0	32	54.7	117	21.8	AL	72	02	13	1607	212	677	3.13	100.0	301	659
93.0	30.0	32	50.5	117	31.0	AL	72	02	13	1300	212	698	3.03	100.0	74	256
93.0	35.0	32	40.5	117	51.5	AL	72	02	13	0925	207	683	3.03	100.0	347	1000
93.0	40.0	32	30.0	118	11.0	AL	72	02	13	0507	210	668	3.14	100.0	36	473
93.0	45.0	32	20.0	118	32.0	AL	72	02	13	0032	207	668	3.11	100.0	220	3218
93.0	50.0	32	10.0	118	52.5	AL	72	02	12	2045	210	495	4.25	100.0	16	239
93.0	55.0	32	00.0	119	13.0	AL	72	02	12	1650	211	654	3.23	100.0	147	5384
93.0	60.0	31	50.0	119	34.0	AL	72	02	12	1328	207	661	3.14	100.0	53	262
93.0	70.0	31	30.0	120	13.0	AL	72	02	12	0715	201	740	2.71	100.0	63	240
93.0	80.0	31	10.0	120	53.8	AL	72	02	12	0145	215	635	3.38	100.0	85	83
93.0	90.0	30	50.0	121	34.5	AL	72	02	11	1920	203	626	3.24	100.0	95	98
93.0	100.0	30	30.0	122	13.0	AL	72	02	11	1342	209	733	2.85	100.0	5	60
93.0	110.0	30	08.0	122	55.0	AL	72	02	11	0730	214	715	2.99	100.0	3	105
93.0	120.0	29	48.5	123	34.0	AL	72	02	11	0127	210	774	2.72	100.0	13	13
97.0	29.0	32	17.5	117	04.7	AL	72	02	15	0020	37	140	2.62	100.0	59	123
97.0	30.0	32	16.0	117	07.0	AL	72	02	15	0135	33	147	2.22	100.0	13	223
97.0	32.0	32	12.0	117	15.2	AL	72	02	15	0325	212	705	3.01	100.0	74	1085
97.0	35.0	32	05.0	117	27.5	AL	72	02	15	0603	209	715	2.92	100.0	332	536
97.0	40.0	31	55.5	117	48.0	AL	72	02	15	0945	212	541	3.92	100.0	501	2656
97.0	45.0	31	46.0	118	08.0	AL	72	02	15	1350	214	554	3.86	100.0	57	655
97.0	50.0	31	36.0	118	30.0	AL	72	02	15	1756	211	709	2.98	100.0	19	271
97.0	55.0	31	24.0	118	49.0	AL	72	02	15	2147	212	719	2.94	100.0	402	78
97.0	60.0	31	15.0	119	10.0	AL	72	02	16	0130	212	745	2.85	100.0	17	12

TABLE 1. (cont.)

CalCOFI Cruise 7202

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
97.0	70.0	30	54.0	119	50.0	AL	72	02	16	0800	198	731	2.71	100.0	240	49
97.0	80.0	30	35.0	120	30.0	AL	72	02	16	1315	214	717	2.99	100.0	643	116
97.0	90.0	30	15.0	121	09.5	AL	72	02	16	2025	206	759	2.71	100.0	41	12
100.0	29.0	31	42.2	116	43.4	JD	72	02	01	0227	85	296	2.88	100.0	2	10
100.0	30.0	31	40.5	116	46.4	JD	72	02	01	0419	212	666	3.18	100.0	57	28
100.0	35.0	31	30.5	117	07.0	JD	72	02	01	0659	214	671	3.19	100.0	18	268
100.0	40.0	31	21.0	117	27.0	JD	72	02	01	1053	216	629	3.44	100.0	176	264
100.0	50.0	31	01.5	118	06.0	JD	72	02	01	1555	213	692	3.07	100.0	10	6
100.0	60.0	30	40.5	118	47.5	JD	72	02	01	2155	218	654	3.34	100.0	29	7
100.0	70.0	30	20.0	119	27.0	JD	72	02	02	0532	211	716	2.95	100.0	8	15
100.0	80.0	30	00.0	120	07.0	JD	72	02	02	1113	218	641	3.41	100.0	6	20
100.0	90.0	29	40.5	120	48.0	JD	72	02	02	1616	209	663	3.15	100.0	5	17
103.0	29.0	31	07.0	116	21.0	AL	72	02	18	1909	13	82	1.57	100.0	110	45
103.0	30.0	31	06.0	116	24.5	AL	72	02	18	1820	39	195	1.98	100.0	525	76
103.0	35.0	30	56.0	116	45.0	AL	72	02	18	1535	207	655	3.17	100.0	153	247
103.0	40.0	30	47.0	117	06.0	AL	72	02	18	1140	201	676	2.97	100.0	78	639
103.0	45.0	30	35.0	117	24.0	AL	72	02	18	0725	206	704	2.93	100.0	19	86
103.0	50.0	30	26.0	117	44.0	AL	72	02	18	0349	215	706	3.05	100.0	363	75
103.0	55.0	30	14.0	118	05.0	AL	72	02	17	2357	215	776	2.77	100.0	31	6
103.0	60.0	30	06.0	118	25.0	AL	72	02	17	2020	212	735	2.88	100.0	8	60
103.0	70.0	29	46.5	119	04.0	AL	72	02	17	1434	211	785	2.69	100.0	15	68
103.0	80.0	29	21.0	119	40.0	AL	72	02	17	0745	217	729	2.97	100.0	5	63
107.0	31.0	30	27.8	116	07.0	AL	72	02	18	2350	24	134	1.79	100.0	209	142
107.0	32.0	30	25.8	116	11.5	AL	72	02	19	0205	213	665	3.20	100.0	92	5094
107.0	35.0	30	21.5	116	22.5	AL	72	02	19	0435	209	618	3.38	100.0	864	3305
107.0	40.0	30	10.0	116	42.0	AL	72	02	19	0821	201	761	2.64	100.0	509	157
107.0	50.0	29	50.5	117	22.0	AL	72	02	19	1415	206	693	2.98	100.0	5	12
107.0	60.0	29	30.0	118	01.0	AL	72	02	19	2010	202	749	2.70	100.0	19	18
107.0	70.0	29	11.0	118	41.0	AL	72	02	20	0155	213	746	2.86	100.0	17	63
107.0	80.0	28	51.0	119	20.0	AL	72	02	20	0745	210	714	2.95	100.0	61	123
110.0	32.0	29	51.1	115	49.4	JD	72	02	04	1405	35	147	2.35	100.0	17	35
110.0	35.0	29	46.0	116	00.0	JD	72	02	04	1203	214	649	3.31	100.0	200	38
110.0	40.0	29	36.5	116	19.5	JD	72	02	04	0826	210	650	3.24	100.0	1280	1971
110.0	45.0	29	26.9	116	39.2	JD	72	02	04	0349	216	668	3.23	100.0	294	996
110.0	50.0	29	17.3	116	58.8	JD	72	02	04	0115	214	650	3.30	100.0	123	37
110.0	55.0	29	06.0	117	19.0	JD	72	02	03	2053	213	651	3.27	100.0	3	4
110.0	60.0	28	56.7	117	38.5	JD	72	02	03	1607	212	651	3.25	100.0	5	18
110.0	70.0	28	36.5	118	18.0	JD	72	02	03	1023	210	688	3.06	100.0	11	5
110.0	80.0	28	16.0	118	56.3	JD	72	02	03	0525	210	670	3.13	100.0	21	14
113.0	29.0	29	24.2	115	13.2	AL	72	02	22	1043	11	58	1.84	100.0	24	3
113.0	30.0	29	22.0	115	18.0	AL	72	02	22	0953	43	154	2.80	100.0	69	34
113.0	35.0	29	10.0	115	42.0	AL	72	02	22	0615	210	727	2.89	100.0	65	2251
113.0	40.0	29	02.0	115	57.0	AL	72	02	22	0125	214	726	2.94	100.0	77	383
113.0	45.0	28	49.0	116	17.0	AL	72	02	21	2148	207	708	2.92	100.0	12	30
113.0	50.0	28	41.5	116	36.0	AL	72	02	21	1813	222	663	3.35	100.0	398	97

TABLE 1. (cont.)

CalCOFI Cruise 7202

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
113.0	60.0	28	18.0	117	15.0	AL	72	02	21	1230	209	733	2.86	100.0	2180	1263
113.0	70.0	28	02.0	117	55.0	AL	72	02	21	0700	208	702	2.96	100.0	70	1080
113.0	80.0	27	40.0	118	32.5	AL	72	02	21	0120	214	768	2.78	100.0	27	16
117.0	25.0	28	58.0	114	37.0	AL	72	02	22	1600	45	136	3.31	100.0	0	7
117.0	26.0	28	56.0	114	41.5	AL	72	02	22	1700	54	202	2.68	100.0	8	37
117.0	30.0	28	48.0	114	56.5	AL	72	02	22	1935	86	315	2.74	100.0	10	148
117.0	35.0	28	38.0	115	16.0	AL	72	02	22	2234	162	584	2.78	100.0	118	87
117.0	40.0	28	28.0	115	35.0	AL	72	02	24	1327	227	676	3.36	100.0	186	28
117.0	45.0	28	18.0	115	56.0	AL	72	02	24	1815	206	748	2.76	100.0	22	270
117.0	50.0	28	08.0	116	15.0	AL	72	02	24	2150	205	737	2.79	100.0	28	169
117.0	60.0	27	48.0	116	53.0	AL	72	02	25	0338	209	681	3.07	100.0	4	6
117.0	70.0	27	24.5	117	31.5	AL	72	02	25	0915	208	762	2.73	100.0	95	1117
117.0	80.0	27	08.0	118	09.5	AL	72	02	25	1446	210	771	2.72	100.0	23	19
118.0	39.0	28	18.5	115	23.7	AL	72	02	24	1038	213	583	3.66	100.0	41	64
119.0	33.0	28	19.0	114	53.0	JD	72	02	05	0645	98	341	2.88	100.0	0	137
120.0	24.0	28	24.2	114	10.7	JD	72	02	05	0054	36	143	2.55	100.0	11	92
120.0	25.0	28	22.5	114	15.0	JD	72	02	05	0147	44	152	2.86	100.0	9	87
120.0	30.0	28	13.0	114	33.9	JD	72	02	05	0411	84	288	2.91	100.0	6	25
120.0	35.0	28	03.0	114	54.0	JD	72	02	05	0850	72	244	2.96	100.0	1	30
120.0	40.0	27	56.5	115	14.0	JD	72	02	05	1112	35	133	2.64	100.0	19	5
120.0	45.0	27	43.1	115	33.0	JD	72	02	05	1443	214	631	3.39	100.0	6	2
120.0	50.0	27	32.5	115	52.5	JD	72	02	05	1749	209	684	3.06	100.0	3	5
120.0	60.0	27	13.0	116	30.5	JD	72	02	05	2257	218	654	3.33	100.0	4	9
120.0	70.0	26	53.0	117	09.0	JD	72	02	06	0626	216	684	3.16	100.0	11	43
120.0	80.0	26	32.5	117	49.0	JD	72	02	06	1200	214	679	3.15	100.0	3	42
123.0	36.0	27	26.0	114	36.0	JD	72	02	07	1025	50	177	2.83	100.0	201	450
123.0	37.0	27	24.0	114	40.0	JD	72	02	07	0935	63	225	2.82	100.0	675	422
123.0	42.0	27	14.0	114	59.0	JD	72	02	07	0645	213	644	3.31	100.0	343	2321
123.0	45.0	27	08.0	115	11.5	JD	72	02	07	0505	216	652	3.31	100.0	92	994
123.0	50.0	26	58.0	115	29.9	JD	72	02	07	0237	213	712	2.99	100.0	23	8
123.0	60.0	26	38.0	116	09.0	JD	72	02	06	2117	218	671	3.25	100.0	3	3
127.0	33.0	26	57.5	114	02.3	JD	72	02	07	1442	64	246	2.61	100.0	36	239
127.0	34.0	26	55.5	114	06.2	JD	72	02	07	1537	43	138	3.15	100.0	138	112
127.0	40.0	26	43.5	114	29.0	JD	72	02	07	1855	214	660	3.24	100.0	830	585
127.0	45.0	26	33.0	114	48.0	JD	72	02	07	2115	201	655	3.07	100.0	111	10
127.0	50.0	26	23.0	115	08.0	JD	72	02	08	0022	216	625	3.46	100.0	592	1105
127.0	60.0	26	04.0	115	47.0	JD	72	02	08	0517	216	649	3.32	100.0	198	15
130.0	28.0	26	33.1	113	21.1	JD	72	02	09	0330	51	170	2.99	100.0	39	351
130.0	30.0	26	29.0	113	29.0	JD	72	02	09	0159	72	237	3.02	100.0	8	8
130.0	35.0	26	19.0	113	48.0	JD	72	02	08	2312	214	629	3.41	100.0	133	372
130.0	40.0	26	09.0	114	07.0	JD	72	02	08	2100	206	643	3.21	100.0	2486	3832
130.0	50.0	25	59.5	114	46.0	JD	72	02	08	1532	216	654	3.30	100.0	473	154
130.0	60.0	25	29.0	115	24.0	JD	72	02	08	1022	214	638	3.35	100.0	6	20
133.0	23.0	26	08.5	112	40.2	JD	72	02	09	0732	70	235	2.99	100.0	5	60
133.0	25.0	26	05.0	112	48.0	JD	72	02	09	0850	78	273	2.87	100.0	2	57

TABLE 1. (cont.)

CalCOFI Cruise 7202

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
133.0	30.0	25	55.0	113	08.0	JD	72	02	09	1134	188	607	3.09	100.0	35	174
133.0	35.0	25	44.8	113	26.3	JD	72	02	09	1426	213	678	3.15	100.0	8	1054
133.0	40.0	25	32.5	113	45.5	JD	72	02	09	1753	212	672	3.16	100.0	106	189
133.0	50.0	25	14.0	114	24.0	JD	72	02	09	2221	210	642	3.28	100.0	168	55
133.0	60.0	24	53.5	115	02.0	JD	72	02	10	0536	210	673	3.12	100.0	15	110
137.0	22.0	25	36.0	112	15.0	JD	72	02	11	0543	50	194	2.58	100.0	1499	449
137.0	23.0	25	34.0	112	19.0	JD	72	02	11	0457	67	264	2.54	100.0	2704	441
137.0	30.0	25	19.9	112	45.7	JD	72	02	11	0139	217	658	3.29	100.0	43	5
137.0	35.0	25	11.0	113	05.0	JD	72	02	10	2255	211	682	3.10	100.0	118	35
137.0	40.0	25	00.0	113	22.5	JD	72	02	10	2048	212	649	3.27	100.0	68	110
137.0	50.0	24	39.5	114	02.2	JD	72	02	10	1533	216	638	3.39	100.0	2	49
137.0	60.0	24	20.0	114	39.0	JD	72	02	10	1056	213	636	3.35	100.0	15	16
140.0	30.0	24	45.5	112	24.0	JD	72	02	11	1226	98	306	3.21	100.0	1069	777
140.0	35.0	24	35.5	112	42.5	JD	72	02	11	1450	214	669	3.20	100.0	44	54
140.0	40.0	24	26.0	113	01.5	JD	72	02	11	1909	212	626	3.38	100.0	39	29
140.0	45.0	24	15.0	113	21.0	JD	72	02	11	2230	215	629	3.42	100.0	39	156
140.0	50.0	24	05.0	113	40.0	JD	72	02	12	0030	216	608	3.55	100.0	134	282
140.0	55.0	23	56.2	113	58.5	JD	72	02	12	0240	215	620	3.46	100.0	43	179
140.0	60.0	23	45.5	114	19.0	JD	72	02	12	0621	211	596	3.54	100.0	14	306
143.0	26.0	24	19.0	111	48.0	JD	72	02	13	0714	68	231	2.96	100.0	40	149
143.0	30.0	24	16.7	112	03.0	JD	72	02	13	0500	194	588	3.30	100.0	13	29
143.0	35.0	24	01.8	112	20.5	JD	72	02	13	0140	217	639	3.39	100.0	44	116
143.0	40.0	23	50.0	112	41.0	JD	72	02	12	2248	210	654	3.22	100.0	152	29
143.0	45.0	23	40.5	112	59.0	JD	72	02	12	1923	203	674	3.02	100.0	61	307
143.0	50.0	23	30.5	113	18.0	JD	72	02	12	1641	213	651	3.26	100.0	19	55
143.0	55.0	23	19.6	113	35.9	JD	72	02	12	1340	212	635	3.33	100.0	26	47
143.0	60.0	23	10.0	113	55.0	JD	72	02	12	1057	218	605	3.60	100.0	17	97
147.0	20.0	23	56.2	111	03.5	JD	72	02	13	1323	136	447	3.05	100.0	5	10
147.0	25.0	23	46.7	111	22.9	JD	72	02	13	1608	212	684	3.10	100.0	6	20
147.0	30.0	23	33.7	111	41.5	JD	72	02	13	1947	212	695	3.04	100.0	78	291
147.0	35.0	23	25.0	112	00.0	JD	72	02	13	2258	209	666	3.14	100.0	183	350
147.0	40.0	23	16.5	112	18.5	JD	72	02	14	0200	216	630	3.42	100.0	109	562
147.0	45.0	23	05.5	112	37.5	JD	72	02	14	0435	212	644	3.29	100.0	116	1585
147.0	50.0	22	56.5	112	55.7	JD	72	02	14	0744	205	665	3.08	100.0	27	112
147.0	55.0	22	46.0	113	15.0	JD	72	02	14	0950	210	659	3.19	100.0	64	402
147.0	60.0	22	35.5	113	33.0	JD	72	02	14	1331	213	655	3.25	100.0	44	452
150.0	19.0	23	24.0	110	38.0	JD	72	02	15	1938	196	579	3.38	100.0	13	434
150.0	25.0	23	11.8	111	01.7	JD	72	02	15	1613	217	608	3.57	100.0	8	106
150.0	30.0	23	02.0	111	22.0	JD	72	02	15	1250	214	638	3.36	100.0	53	223
150.0	35.0	22	52.0	111	38.0	JD	72	02	15	0925	206	603	3.43	100.0	85	888
150.0	40.0	22	42.5	111	55.5	JD	72	02	15	0654	212	623	3.41	100.0	133	92
150.0	45.0	22	31.8	112	16.0	JD	72	02	15	0254	215	645	3.34	100.0	387	367
150.0	50.0	22	24.0	112	33.2	JD	72	02	15	0100	212	660	3.22	100.0	304	708
150.0	55.0	22	12.0	112	53.0	JD	72	02	14	2145	213	616	3.45	100.0	460	108
150.0	60.0	22	01.0	113	12.0	JD	72	02	14	1811	211	651	3.23	100.0	163	1124

TABLE 1. (cont.)

CalCOFI Cruise 7202

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
153.0	16.0	22	55.0	110	07.5	JD	72	02	16	0010	220	591	3.72	100.0	13	935
153.0	20.0	22	47.0	110	22.0	JD	72	02	16	0338	221	624	3.53	100.0	90	4995
153.0	25.0	22	37.0	110	39.0	JD	72	02	16	0615	216	620	3.49	100.0	85	305
153.0	30.0	22	27.0	110	59.0	JD	72	02	16	1035	214	618	3.47	100.0	132	346
153.0	35.0	22	16.9	111	17.0	JD	72	02	16	1335	212	657	3.23	100.0	57	202
153.0	40.0	22	07.0	111	36.5	JD	72	02	16	1630	220	660	3.33	100.0	56	171
153.0	45.0	21	57.0	111	55.0	JD	72	02	16	1932	210	665	3.16	100.0	252	50
153.0	50.0	21	46.0	112	13.0	JD	72	02	16	2305	208	690	3.01	100.0	88	165
153.0	55.0	21	36.5	112	31.5	JD	72	02	17	0117	209	670	3.12	100.0	74	525
153.0	60.0	21	26.8	112	50.5	JD	72	02	17	0430	204	687	2.98	100.0	94	71
157.0	10.0	22	32.0	109	23.0	JD	72	02	18	1702	210	658	3.19	100.0	349	133
157.0	15.0	22	22.5	109	42.0	JD	72	02	18	1349	208	655	3.18	100.0	158	247
157.0	20.0	22	13.0	110	00.0	JD	72	02	18	1048	212	662	3.21	100.0	59	225
157.0	25.0	22	02.5	110	19.0	JD	72	02	18	0654	206	644	3.20	100.0	132	116
157.0	30.0	21	52.5	110	37.5	JD	72	02	18	0357	206	667	3.08	100.0	189	346
157.0	35.0	21	42.5	110	56.0	JD	72	02	18	0100	212	666	3.19	100.0	262	34
157.0	40.0	21	32.5	111	14.5	JD	72	02	17	2140	213	688	3.09	100.0	245	266
157.0	45.0	21	22.5	111	33.0	JD	72	02	17	1825	209	665	3.15	100.0	440	176
157.0	50.0	21	12.5	111	51.7	JD	72	02	17	1606	208	686	3.03	100.0	89	178
157.0	55.0	21	02.2	112	10.5	JD	72	02	17	1250	208	693	3.00	100.0	149	244
157.0	60.0	20	52.0	112	29.0	JD	72	02	17	1013	209	682	3.06	100.0	80	585

TABLE 1. (cont.)

CalCOFI Cruise 7203

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
60.0	50.0	37	57.5	122	53.1	JD	72	03	03	1915	35	130	2.64	100.0	30	337
60.0	52.0	37	53.4	123	03.4	JD	72	03	03	2110	73	229	3.17	100.0	38	322
60.0	55.0	37	48.0	123	15.5	JD	72	03	03	2245	85	301	2.83	100.0	393	73
60.0	60.0	37	37.5	123	39.6	JD	72	03	04	0229	217	599	3.63	100.0	236	236
60.0	65.0	37	25.5	123	58.3	JD	72	03	04	0430	211	528	4.00	100.0	699	132
60.0	70.0	37	14.5	124	21.5	JD	72	03	04	0743	214	627	3.41	100.0	82	49
60.0	80.0	36	56.0	125	04.0	JD	72	03	04	1237	215	668	3.21	100.0	70	49
60.0	90.0	36	37.0	125	47.0	JD	72	03	04	1825	214	688	3.10	100.0	79	21
63.0	50.0	37	23.0	122	28.0	JD	72	03	05	2155	27	105	2.58	100.0	50	21
63.0	52.0	37	19.0	122	36.0	JD	72	03	05	2032	66	257	2.57	100.0	15	515
63.0	55.0	37	13.0	122	50.0	JD	72	03	05	1815	213	620	3.44	100.0	64	48
63.0	60.0	37	03.0	123	12.0	JD	72	03	05	1540	208	676	3.07	100.0	51	117
63.0	65.0	36	53.0	123	33.0	JD	72	03	05	1140	212	523	4.05	100.0	17	90
63.0	70.0	36	42.5	123	55.0	JD	72	03	05	0920	211	663	3.19	100.0	82	40
63.0	80.0	36	23.0	124	38.5	JD	72	03	05	0420	210	668	3.15	100.0	45	29
63.0	90.0	36	03.0	125	20.0	JD	72	03	04	2320	213	681	3.12	100.0	47	132
67.0	48.0	36	52.9	121	56.0	JD	72	03	06	0210	35	118	2.95	100.0	46	70
67.0	50.0	36	48.0	122	05.0	JD	72	03	06	0426	210	627	3.34	100.0	177	56
67.0	55.0	36	39.0	122	26.0	JD	72	03	06	0728	207	565	3.66	100.0	88	85
67.0	60.0	36	29.0	122	47.0	JD	72	03	06	1140	216	583	3.71	100.0	28	71
67.0	65.0	36	18.0	123	09.0	JD	72	03	06	1348	213	656	3.24	100.0	38	33
67.0	70.0	36	08.0	123	29.5	JD	72	03	06	1706	213	663	3.21	100.0	16	18
67.0	80.0	35	48.0	124	12.0	JD	72	03	06	2148	214	660	3.23	100.0	50	21
67.0	90.0	35	28.0	124	55.0	JD	72	03	07	0238	209	674	3.10	100.0	110	9
70.0	53.0	36	06.5	121	54.5	JD	72	03	08	0532	211	646	3.26	100.0	225	64
70.0	60.0	35	53.0	122	22.0	JD	72	03	08	0116	209	661	3.16	100.0	384	112
70.0	65.0	35	43.0	122	45.0	JD	72	03	07	2112	208	682	3.05	100.0	474	87
70.0	70.0	35	33.0	123	06.0	JD	72	03	07	1854	211	662	3.19	100.0	167	62
70.0	80.0	35	13.0	123	48.0	JD	72	03	07	1354	209	624	3.35	100.0	61	40
70.0	90.0	34	53.0	124	29.0	JD	72	03	07	0752	209	689	3.03	100.0	51	4
73.0	50.0	35	37.0	121	17.0	JD	72	03	08	1136	89	312	2.83	100.0	28	12
73.0	53.0	35	31.5	121	28.5	JD	72	03	08	1405	211	660	3.19	100.0	227	82
73.0	60.0	35	17.5	121	57.5	JD	72	03	08	1921	213	633	3.36	100.0	574	44
73.0	65.0	35	08.5	122	19.0	JD	72	03	08	2152	209	678	3.09	100.0	191	328
73.0	70.0	34	58.0	122	40.0	JD	72	03	09	0110	211	646	3.26	100.0	1089	282
73.0	80.0	34	38.0	123	22.0	JD	72	03	09	0601	212	655	3.23	100.0	169	94
73.0	90.0	34	18.0	124	04.0	JD	72	03	09	1056	210	690	3.03	100.0	52	31
77.0	48.0	35	06.2	120	47.7	JD	72	03	10	1418	57	184	3.11	100.0	152	1268
77.0	51.0	35	02.0	120	56.0	JD	72	03	10	1246	214	671	3.19	100.0	137	34
77.0	55.0	34	54.5	121	13.0	JD	72	03	10	1008	204	668	3.05	100.0	159	8672
77.0	60.0	34	43.3	121	34.3	JD	72	03	10	0739	210	603	3.48	100.0	770	849
77.0	65.0	34	34.0	121	55.0	JD	72	03	10	0350	208	643	3.23	100.0	968	1451
77.0	70.0	34	24.2	122	15.2	JD	72	03	10	0141	210	596	3.51	100.0	742	22
77.0	80.0	34	04.0	122	57.0	JD	72	03	09	2045	214	620	3.45	100.0	82	74
77.0	90.0	33	43.0	123	39.0	JD	72	03	09	1542	213	725	2.94	100.0	14	31

TABLE 1. (cont.)

CalCOFI Cruise 7203

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
80.0	51.0	34	26.0	120	32.0	JD	72	03	15	0945	96	370	2.58	100.0	156	54
80.0	52.0	34	24.3	120	36.5	JD	72	03	15	0840	198	598	3.31	100.0	84	103
80.0	55.0	34	19.0	120	48.0	JD	72	03	15	0604	207	678	3.05	100.0	171	875
80.0	60.0	34	09.0	121	09.0	JD	72	03	15	0317	211	663	3.16	100.0	531	2118
80.0	70.0	33	49.0	121	53.0	JD	72	03	13	0002	212	687	3.08	100.0	249	5890
80.0	80.0	33	28.7	121	32.0	JD	72	03	13	0540	214	661	3.23	100.0	175	52
80.0	90.0	33	14.0	123	13.0	JD	72	03	13	1245	210	686	3.06	100.0	114	91
82.0	47.0	34	17.0	119	59.0	JD	72	03	15	2135	213	673	3.16	100.0	647	682
83.0	40.0	34	13.8	119	21.8	JD	72	03	16	0102	21	87	2.41	100.0	252	3143
83.0	51.0	33	52.0	120	08.5	JD	72	03	16	0546	118	401	2.95	100.0	590	73
83.0	55.0	33	44.0	120	24.5	JD	72	03	16	0824	203	685	2.96	100.0	466	653
83.0	60.0	33	34.0	120	45.0	JD	72	03	16	1221	203	700	2.90	100.0	18	148
83.0	70.0	33	14.5	121	26.0	JD	72	03	14	0412	215	685	3.13	100.0	188	101
83.0	80.0	32	54.0	122	08.0	JD	72	03	13	2304	208	699	2.97	100.0	199	33
83.0	90.0	32	34.5	122	50.0	JD	72	03	13	1810	208	700	2.96	100.0	97	30
87.0	33.0	33	54.2	118	29.4	JD	72	03	18	0533	43	152	2.81	100.0	221	1185
87.0	35.0	33	49.7	118	37.7	JD	72	03	18	0407	204	675	3.01	100.0	420	621
87.0	45.0	33	30.0	119	19.0	JD	72	03	17	2228	207	616	3.36	100.0	847	1106
87.0	50.0	33	20.0	119	39.5	JD	72	03	17	1945	75	236	3.18	100.0	678	166
87.0	55.0	33	10.0	120	00.0	JD	72	03	17	1646	227	669	3.39	100.0	188	323
87.0	60.0	33	00.0	120	21.5	JD	72	03	17	1435	216	651	3.31	100.0	48	240
87.0	70.0	32	39.5	121	02.0	JD	72	03	17	0946	213	660	3.23	100.0	74	182
87.0	80.0	32	19.5	121	43.0	JD	72	03	17	0500	211	688	3.07	100.0	45	123
87.0	90.0	31	59.0	122	24.0	JD	72	03	17	0031	209	678	3.09	100.0	98	197
90.0	28.0	33	28.5	117	46.7	JD	72	03	18	1001	212	602	3.52	100.0	325	539
90.0	32.0	33	20.5	118	03.0	JD	72	03	18	1239	211	657	3.20	100.0	619	614
90.0	37.0	33	11.0	118	22.5	JD	72	03	18	1449	215	664	3.23	100.0	616	681
90.0	45.0	32	55.0	118	50.0	JD	72	03	19	0120	209	658	3.17	100.0	2885	1485
90.0	53.0	32	40.0	119	28.5	JD	72	03	19	0534	208	671	3.10	100.0	779	1249
90.0	60.0	32	23.0	119	58.0	JD	72	03	19	1038	206	710	2.90	100.0	102	534
90.0	70.0	32	04.5	120	38.5	JD	72	03	19	1510	215	666	3.22	100.0	34	35
90.0	80.0	31	44.5	121	19.5	JD	72	03	19	2107	209	693	3.01	100.0	876	94
90.0	90.0	31	24.0	122	01.0	JD	72	03	20	0155	212	673	3.15	100.0	124	123
93.0	27.0	32	55.5	117	18.8	JD	72	03	21	1650	133	457	2.90	100.0	3	6
93.0	28.0	32	54.8	117	22.0	JD	72	03	21	1548	209	671	3.12	100.0	247	179
93.0	30.0	32	50.5	117	31.0	JD	72	03	21	1400	211	676	3.12	100.0	116	310
93.0	35.0	32	41.0	117	51.0	JD	72	03	21	1114	210	664	3.17	100.0	68	126
93.0	40.0	32	30.0	118	12.0	JD	72	03	21	0905	212	672	3.15	100.0	106	94
93.0	45.0	32	20.0	118	32.0	JD	72	03	21	0555	208	674	3.08	100.0	106	277
93.0	50.0	32	10.0	118	52.4	JD	72	03	21	0337	210	666	3.21	100.0	91	162
93.0	55.0	32	01.0	119	12.0	JD	72	03	21	0041	216	650	3.33	100.0	559	86
93.0	60.0	31	51.0	119	33.0	JD	72	03	20	2232	217	673	3.11	100.0	52	77
93.0	70.0	31	30.0	120	14.0	JD	72	03	20	1637	212	714	2.97	100.0	72	46
93.0	80.0	31	10.0	120	54.5	JD	72	03	20	1145	208	688	3.02	100.0	159	75
93.0	90.0	30	50.0	121	34.5	JD	72	03	20	0643	215	640	3.36	100.0	251	55

TABLE 1. (cont.)

CalCOFI Cruise 7203

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
97.0	29.0	32	17.2	117	05.0	AX	72	03	06	2206	35	166	2.10	100.0	99	100
97.0	30.0	32	16.3	117	06.4	AX	72	03	06	2253	39	139	2.73	100.0	68	320
97.0	32.0	32	12.0	117	15.0	AX	72	03	06	2355	198	690	2.87	100.0	301	843
97.0	35.0	32	05.2	117	28.0	AX	72	03	07	0224	219	563	3.88	100.0	383	109
97.0	40.0	31	55.5	117	47.0	AX	72	03	07	0553	216	650	3.33	100.0	125	211
97.0	45.0	31	44.4	118	08.2	AX	72	03	07	0823	205	645	3.18	100.0	1104	650
97.0	50.0	31	33.4	118	28.5	AX	72	03	07	1220	215	638	3.37	100.0	1587	1451
97.0	55.0	31	25.5	118	49.0	AX	72	03	07	1455	216	628	3.44	100.0	134	368
97.0	60.0	31	15.7	119	09.5	AX	72	03	27	0000	202	716	2.81	100.0	42	7
97.0	70.0	30	58.7	119	52.9	AX	72	03	27	1115	204	627	3.26	100.0	25	6
97.0	80.0	30	31.0	120	30.9	AX	72	03	27	0530	204	739	2.76	100.0	66	19
97.0	90.0	30	14.3	121	08.9	AX	72	03	26	2208	217	653	3.31	100.0	205	99
100.0	29.0	31	41.9	116	43.9	AX	72	03	25	0252	213	668	3.19	100.0	394	163
100.0	30.0	31	40.5	116	46.5	AX	72	03	25	0439	223	655	3.40	100.0	551	554
100.0	35.0	31	30.8	117	06.8	AX	72	03	25	0750	216	630	3.42	100.0	294	327
100.0	40.0	31	21.9	117	26.5	AX	72	03	25	1141	217	661	3.28	100.0	77	221
100.0	50.0	31	01.2	118	05.9	AX	72	03	25	1717	209	691	3.02	100.0	110	122
100.0	60.0	30	37.4	117	47.4	AX	72	03	25	2259	213	681	3.13	100.0	95	125
100.0	70.0	30	20.8	119	27.0	AX	72	03	26	0411	219	685	3.19	100.0	163	40
100.0	80.0	30	01.0	120	06.1	AX	72	03	26	0957	206	680	3.03	100.0	103	264
100.0	90.0	29	41.0	120	46.0	AX	72	03	26	1607	208	710	2.93	100.0	117	176
103.0	29.0	31	06.8	116	22.2	AX	72	03	24	2200	28	99	2.76	100.0	239	46
103.0	30.0	31	06.1	116	24.3	AX	72	03	24	2116	42	196	2.15	100.0	664	59
103.0	35.0	30	56.0	116	45.5	AX	72	03	24	1820	230	625	3.68	100.0	100	48
103.0	40.0	30	47.3	117	05.0	AX	72	03	24	1417	222	649	3.42	100.0	97	66
103.0	45.0	30	35.0	117	24.0	AX	72	03	24	1034	209	669	3.12	100.0	373	653
103.0	50.0	30	26.1	117	45.3	AX	72	03	24	0755	218	683	3.19	100.0	63	15
103.0	60.0	30	07.8	118	24.4	AX	72	03	24	0228	207	699	2.96	100.0	176	83
103.0	70.0	29	46.0	119	05.5	AX	72	03	23	2053	216	672	3.21	100.0	110	95
103.0	80.0	29	27.0	119	44.0	AX	72	03	23	1520	220	685	3.22	100.0	64	215
107.0	31.0	30	28.9	116	08.2	AX	72	03	22	0021	34	119	2.85	100.0	111	132
107.0	32.0	30	26.2	116	10.8	AX	72	03	22	0104	221	645	3.43	100.0	93	256
107.0	35.0	30	21.8	116	22.6	AX	72	03	22	0335	228	637	3.58	100.0	308	174
107.0	40.0	30	11.3	116	43.2	AX	72	03	22	0715	226	645	3.51	100.0	333	140
107.0	50.0	29	50.5	117	21.5	AX	72	03	22	1236	219	653	3.35	100.0	55	183
107.0	60.0	29	31.0	118	02.1	AX	72	03	22	1805	223	690	3.23	100.0	32	78
107.0	70.0	29	11.5	118	41.5	AX	72	03	22	2321	223	673	3.31	100.0	24	96
107.0	80.0	28	52.0	119	20.5	AX	72	03	23	0814	221	724	3.05	100.0	15	513
110.0	32.0	29	52.1	115	47.8	AX	72	03	21	1937	20	85	2.33	100.0	203	27
110.0	35.0	29	46.3	116	00.0	AX	72	03	21	1729	224	677	3.31	100.0	60	139
110.0	40.0	29	36.7	116	20.5	AX	72	03	21	1345	221	645	3.43	100.0	150	22
110.0	45.0	29	26.1	116	39.7	AX	72	03	21	0948	214	666	3.21	100.0	254	42
110.0	50.0	29	16.1	116	59.0	AX	72	03	21	0707	229	737	3.10	100.0	243	345
110.0	55.0	29	06.0	117	19.5	AX	72	03	21	0343	223	625	3.56	100.0	727	676
110.0	60.0	28	56.0	117	39.5	AX	72	03	21	0113	221	655	3.37	100.0	165	169

TABLE 1. (cont.)

CalCOFI Cruise 7203

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
110.0	70.0	28	35.8	118	18.6	AX	72	03	20	1940	218	712	3.06	100.0	1604	60
110.0	80.0	28	15.5	118	56.7	AX	72	03	20	1421	218	673	3.24	100.0	55	280
113.0	29.0	29	23.7	115	14.5	AX	72	03	19	0408	35	140	2.47	100.0	4	3
113.0	30.0	29	21.8	115	18.0	AX	72	03	19	0458	52	184	2.80	100.0	17	0
113.0	35.0	29	11.8	115	38.1	AX	72	03	19	0728	230	691	3.32	100.0	212	47
113.0	40.0	29	02.2	115	57.0	AX	72	03	19	1038	215	679	3.17	100.0	364	146
113.0	45.0	28	49.5	116	17.2	AX	72	03	19	1325	220	667	3.29	100.0	174	44
113.0	50.0	28	41.3	116	37.0	AX	72	03	19	1627	216	664	3.25	100.0	152	19
113.0	60.0	28	21.3	117	16.8	AX	72	03	19	2143	219	688	3.17	100.0	110	53
113.0	70.0	28	01.5	117	56.0	AX	72	03	20	0307	223	774	2.88	100.0	749	389
113.0	80.0	27	39.0	118	34.8	AX	72	03	20	0820	221	692	3.19	100.0	51	135
117.0	25.0	28	57.5	114	38.0	AX	72	03	18	0020	56	211	2.66	100.0	12	1
117.0	26.0	28	56.0	114	42.5	AX	72	03	17	2322	67	224	2.98	100.0	44	1
117.0	30.0	28	47.5	114	56.2	AX	72	03	12	2114	95	311	3.06	100.0	159	173
117.0	35.0	28	38.1	115	15.9	AX	72	03	12	1829	193	617	3.12	100.0	140	85
117.0	40.0	28	28.0	115	35.5	AX	72	03	17	1110	203	730	2.77	100.0	350	158
117.0	45.0	28	17.8	115	55.8	AX	72	03	17	0820	216	689	3.13	100.0	522	207
117.0	50.0	28	11.3	116	11.2	AX	72	03	17	0531	220	708	3.10	100.0	367	237
117.0	60.0	27	47.7	116	53.3	AX	72	03	16	2105	222	691	3.21	100.0	446	40
117.0	70.0	27	27.2	117	32.6	AX	72	03	16	1510	228	667	3.41	100.0	10	26
117.0	80.0	27	05.0	118	17.0	AX	72	03	16	0909	214	696	3.07	100.0	624	240
118.0	39.0	28	18.6	115	23.9	AX	72	03	17	1540	211	697	3.02	100.0	239	142
119.0	33.0	28	18.5	114	52.3	AX	72	03	18	2100	103	345	2.97	100.0	104	478
120.0	24.0	28	24.5	114	11.4	AX	72	03	18	0443	25	106	2.32	100.0	14	10
120.0	25.0	28	22.4	114	15.0	AX	72	03	18	0538	42	161	2.58	100.0	2	93
120.0	30.0	28	13.0	114	34.0	AX	72	03	18	0745	79	270	2.94	100.0	869	313
120.0	35.0	28	02.8	114	53.5	AX	72	03	18	1007	62	234	2.65	100.0	19	592
120.0	40.0	27	56.7	115	15.8	AX	72	03	15	0325	34	158	2.14	100.0	15	67
120.0	45.0	27	42.8	115	33.0	AX	72	03	15	0728	221	676	3.27	100.0	51	467
120.0	50.0	27	31.3	115	52.5	AX	72	03	15	1042	223	691	3.23	100.0	69	139
120.0	60.0	27	13.2	116	29.8	AX	72	03	15	1638	215	721	2.98	100.0	335	81
120.0	70.0	26	52.5	117	11.0	AX	72	03	15	2127	209	742	2.82	100.0	195	7225
120.0	80.0	26	30.1	117	52.7	AX	72	03	16	0348	226	676	3.34	100.0	154	137
123.0	36.0	27	26.3	114	36.3	AX	72	03	14	1455	49	169	2.88	100.0	47	148
123.0	37.0	27	24.7	114	40.2	AX	72	03	14	1400	65	208	3.11	100.0	208	332
123.0	42.0	27	16.1	115	02.1	AX	72	03	14	1108	210	705	2.97	100.0	23	764
123.0	45.0	27	07.8	115	16.1	AX	72	03	14	0710	222	714	3.11	100.0	115	996
123.0	50.0	26	57.7	115	33.5	AX	72	03	14	0438	232	643	3.60	100.0	131	801
123.0	60.0	26	37.4	116	10.3	AX	72	03	13	2315	213	700	3.04	100.0	494	19
127.0	33.0	26	57.2	114	02.6	AX	72	03	12	2352	51	173	2.94	100.0	88	321
127.0	34.0	26	55.4	114	06.0	AX	72	03	13	0059	73	348	2.08	100.0	427	9458
127.0	40.0	26	42.5	114	29.4	AX	72	03	13	0545	221	662	3.33	100.0	940	2927
127.0	45.0	26	36.2	114	48.5	AX	72	03	13	0807	204	735	2.78	100.0	1448	1761
127.0	50.0	26	22.4	115	07.5	AX	72	03	13	1139	222	704	3.15	100.0	843	802
127.0	60.0	26	03.8	115	46.0	AX	72	03	13	1730	220	687	3.20	100.0	2435	41

TABLE 1. (cont.)

CalCOFI Cruise 7203

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
130.0	28.0	26	32.9	113	21.0	AX	72	03	12	1839	50	151	3.31	100.0	100	1270
130.0	30.0	26	28.0	113	28.2	AX	72	03	12	1712	69	234	2.95	100.0	345	135
130.0	35.0	26	20.4	113	48.0	AX	72	03	12	1412	221	678	3.26	100.0	709	1244
130.0	40.0	26	12.8	114	08.9	AX	72	03	12	1134	222	693	3.20	100.0	10	70
130.0	50.0	25	50.6	114	48.1	AX	72	03	12	0430	216	696	3.10	100.0	1899	263
130.0	60.0	25	30.0	115	24.9	AX	72	03	11	2000	206	701	2.94	100.0	19	22
133.0	23.0	26	08.5	112	40.5	AX	72	03	10	1444	64	215	2.98	100.0	205	686
133.0	25.0	26	04.7	112	48.0	AX	72	03	10	1612	72	243	2.96	100.0	245	820
133.0	30.0	25	55.0	113	07.3	AX	72	03	10	1910	215	709	3.03	100.0	150	376
133.0	35.0	25	44.2	113	26.8	AX	72	03	10	2148	220	688	3.19	100.0	150	250
133.0	40.0	25	34.0	113	45.8	AX	72	03	11	0106	212	665	3.18	100.0	32	54
133.0	50.0	25	12.5	114	25.0	AX	72	03	11	0622	218	665	3.28	100.0	220	52
133.0	60.0	24	52.2	115	02.7	AX	72	03	11	1255	219	669	3.28	100.0	25	232
137.0	22.0	25	36.1	112	15.1	AX	72	03	10	1023	39	155	2.49	100.0	471	12043
137.0	23.0	25	35.2	112	19.6	AX	72	03	10	0913	61	231	2.65	100.0	871	4779
137.0	30.0	25	22.0	112	48.3	AX	72	03	10	0542	217	667	3.25	100.0	3	4
137.0	35.0	25	12.0	113	07.0	AX	72	03	10	0240	213	673	3.17	100.0	21	61
137.0	40.0	25	01.2	113	25.2	AX	72	03	09	0000	219	650	3.20	100.0	24	13
137.0	50.0	24	39.3	114	01.5	AX	72	03	09	1820	216	675	3.01	100.0	25	108
137.0	60.0	24	21.5	114	37.6	AX	72	03	09	1318	215	714	3.37	100.0	36	261

TABLE 1. (cont.)

CalCOFI Cruise 7205

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
40.0	38.0	41	47.3	124	28.0	AX	72	05	06	0112	148	481	3.07	100.0	45	17
40.0	40.0	41	43.0	124	37.5	AX	72	05	06	0354	213	616	3.46	100.0	14	27
40.0	45.0	41	33.0	125	00.0	AX	72	05	06	0640	214	615	3.49	100.0	0	4
40.0	50.0	41	22.6	125	24.0	AX	72	05	06	1005	214	521	4.11	100.0	0	0
40.0	55.0	41	12.7	125	47.5	AX	72	05	06	1240	211	647	3.26	100.0	47	6426
40.0	60.0	41	02.7	126	08.5	AX	72	05	06	1604	212	596	3.57	100.0	95	215
40.0	65.0	40	52.1	126	31.2	AX	72	05	06	1845	222	605	3.66	100.0	15	56
40.0	70.0	40	42.5	126	56.5	AX	72	05	06	2310	219	475	4.61	100.0	3	3
40.0	80.0	40	22.8	127	40.0	AX	72	05	07	0440	211	608	3.48	100.0	77	155
40.0	90.0	40	02.7	128	25.0	AX	72	05	07	1105	219	540	4.06	100.0	23	31
50.0	47.0	39	46.0	123	54.0	AX	72	05	05	1210	72	242	2.98	100.0	5	15
50.0	50.0	39	40.0	124	07.6	AX	72	05	05	1015	214	659	3.25	100.0	0	6
50.0	55.0	39	30.0	124	30.3	AX	72	05	05	0556	217	614	3.53	100.0	10	60
50.0	60.0	39	20.2	124	48.8	AX	72	05	05	0309	202	694	2.92	100.0	14	14
50.0	65.0	39	10.4	125	14.0	AX	72	05	04	2325	216	570	3.78	100.0	0	7
50.0	70.0	39	00.0	125	36.0	AX	72	05	04	2025	205	714	2.88	100.0	0	0
50.0	80.0	38	40.5	126	19.2	AX	72	05	04	1423	209	704	2.97	100.0	6	5
50.0	90.0	38	20.0	127	04.0	AX	72	05	04	0610	258	447	5.77	100.0	0	11
50.0	100.0	38	00.0	127	51.1	AX	72	05	03	2315	222	644	3.45	100.0	7	29
50.0	120.0	37	20.0	129	17.8	AX	72	05	03	1225	209	657	3.18	100.0	17	25
60.0	50.0	37	57.5	122	53.1	AX	72	04	23	1937	40	120	3.31	100.0	54	9
60.0	52.0	37	54.0	123	01.6	AX	72	04	23	2100	72	284	2.56	100.0	2	125
60.0	55.0	37	47.1	123	14.7	AX	72	04	23	2305	108	294	3.68	100.0	0	14
60.0	60.0	37	36.7	123	36.8	AX	72	04	24	0325	220	566	3.88	100.0	3	6
60.0	65.0	37	06.8	123	58.8	AX	72	04	24	0608	213	514	4.14	100.0	3	6
60.0	70.0	37	17.2	124	20.8	AX	72	04	24	0958	218	691	3.16	100.0	2	43
60.0	80.0	36	56.5	125	03.5	AX	72	04	24	1520	194	757	2.57	100.0	19	24
60.0	90.0	36	36.0	125	48.0	AX	72	04	24	2200	223	658	3.39	100.0	14	5
60.0	100.0	36	16.3	126	31.0	AX	72	04	25	0304	212	724	2.93	100.0	27	64
60.0	120.0	35	37.0	127	53.3	AX	72	04	25	1309	212	555	3.82	100.0	4	26
70.0	51.0	36	11.5	121	44.0	AX	72	04	20	1501	233	557	4.17	100.0	16	13
70.0	53.0	36	06.6	121	53.9	AX	72	04	20	1131	209	677	3.08	100.0	10	0
70.0	60.0	35	49.1	122	28.3	AX	72	04	20	0710	222	687	3.23	100.0	3	3
70.0	65.0	35	43.0	123	45.0	AX	72	04	20	0315	220	761	2.90	100.0	5	8
70.0	70.0	35	34.7	123	06.9	AX	72	04	20	0021	216	837	2.58	100.0	18	8
70.0	80.0	35	14.1	123	47.8	AX	72	04	19	1841	225	580	3.88	100.0	36	118
70.0	90.0	34	53.5	124	29.7	AX	72	04	19	1330	192	686	2.80	100.0	4	27
80.0	51.0	34	26.1	120	32.6	AX	72	04	12	2255	99	281	3.53	100.0	47	87
80.0	52.0	34	24.7	120	36.5	AX	72	04	13	0000	206	666	3.09	100.0	120	175
80.0	55.0	34	19.0	120	47.6	AX	72	04	13	0140	213	644	3.31	100.0	122	26
80.0	60.0	34	08.0	121	05.0	AX	72	04	13	0609	234	647	3.62	100.0	38	113
80.0	70.0	33	48.5	121	50.2	AX	72	04	13	1810	247	684	3.62	100.0	22	14
80.0	80.0	33	25.5	122	37.0	AX	72	04	14	2130	232	549	4.23	100.0	26	21
80.0	90.0	33	09.0	123	13.0	AX	72	04	17	0223	214	642	3.33	100.0	82	72

TABLE 1. (cont.)

CalCOFI Cruise 7205

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
90.0	28.0	33	28.5	117	46.7	JD	72	04	17	2207	191	656	2.91	100.0	603	122
90.0	32.0	33	20.5	118	03.0	JD	72	04	18	0048	208	671	3.10	100.0	1732	997
90.0	37.0	33	11.0	118	22.5	JD	72	04	18	0503	210	657	3.19	100.0	416	169
90.0	45.0	32	54.5	118	55.5	JD	72	04	18	0934	192	735	2.61	100.0	907	661
90.0	53.0	32	39.0	119	28.5	JD	72	04	18	1432	214	661	3.24	100.0	165	289
90.0	60.0	32	25.0	119	57.5	JD	72	04	18	1940	206	690	2.98	100.0	379	63
90.0	70.0	32	04.5	120	28.5	JD	72	04	19	0109	211	696	3.03	100.0	230	139
90.0	80.0	31	45.0	121	19.0	JD	72	04	19	0620	210	697	3.02	100.0	79	603
90.0	90.0	31	24.0	122	01.0	JD	72	04	19	1202	214	621	3.44	100.0	211	903
90.0	100.0	31	05.0	122	39.0	JD	72	04	19	1729	207	658	3.14	100.0	61	746
90.0	120.0	30	25.0	124	00.0	JD	72	04	20	0254	210	650	3.24	100.0	215	192
90.0	140.0	29	45.0	125	20.0	JD	72	04	20	1105	209	652	3.20	100.0	81	468
100.0	29.0	31	42.0	116	44.4	JD	72	05	05	0148	141	433	3.25	100.0	1977	82
100.0	30.0	31	40.5	116	46.5	JD	72	05	05	0023	210	642	3.28	100.0	1338	119
100.0	35.0	31	27.5	117	07.0	JD	72	05	04	2055	207	660	3.13	100.0	742	955
100.0	40.0	31	22.4	117	26.5	JD	72	05	04	1730	209	633	3.29	100.0	747	88
100.0	50.0	31	01.0	118	06.0	JD	72	05	04	1151	212	580	3.65	100.0	170	108
100.0	60.0	30	40.5	118	47.5	JD	72	05	04	0649	206	681	3.03	100.0	162	138
100.0	70.0	30	20.5	119	27.0	JD	72	05	03	2311	208	688	3.02	100.0	42	105
100.0	80.0	30	00.0	120	07.0	JD	72	05	03	1835	207	623	3.33	100.0	40	269
100.0	90.0	29	40.5	120	47.0	JD	72	05	03	1216	211	661	3.20	100.0	129	259
100.0	100.0	29	20.0	121	26.5	JD	72	05	03	0703	212	697	3.04	100.0	45	31
100.0	120.0	28	40.5	122	46.0	JD	72	05	02	2210	210	682	3.08	100.0	76	133
100.0	140.0	28	00.0	124	04.0	JD	72	05	02	1404	207	699	2.96	100.0	71	68
110.0	32.0	29	51.2	115	50.2	JD	72	05	09	0438	40	165	2.45	100.0	17	77
110.0	35.0	29	46.0	116	00.0	JD	72	05	09	0638	207	689	3.00	100.0	221	206
110.0	40.0	29	37.0	116	20.0	JD	72	05	09	1034	189	744	2.54	100.0	114	58
110.0	45.0	29	27.8	116	38.9	JD	72	05	09	1319	217	646	3.36	100.0	95	48
110.0	50.0	29	16.5	116	59.0	JD	72	05	09	1652	212	664	3.20	100.0	46	78
110.0	55.0	29	06.5	117	18.5	JD	72	05	09	1925	208	662	3.14	100.0	46	23
110.0	60.0	28	56.5	117	39.0	JD	72	05	09	2304	217	651	3.33	100.0	81	25
110.0	70.0	28	36.3	118	18.0	JD	72	05	10	0355	208	704	2.96	100.0	10	7
110.0	80.0	28	16.5	118	57.5	JD	72	05	10	1010	207	660	3.13	100.0	36	167
120.0	24.0	28	25.0	114	10.7	JD	72	05	12	1520	29	115	2.50	100.0	5	33
120.0	25.0	28	22.5	114	15.0	JD	72	05	12	1424	42	156	2.70	100.0	32	101
120.0	30.0	28	10.5	114	37.5	JD	72	05	12	1150	74	290	2.57	100.0	412	1029
120.0	35.0	28	03.0	114	54.0	JD	72	05	12	0905	62	226	2.74	100.0	667	506
120.0	40.0	27	55.0	115	17.0	JD	72	05	12	0236	61	231	2.62	100.0	194	259
120.0	45.0	27	43.0	115	33.0	JD	72	05	11	2010	195	749	2.60	100.0	1482	622
120.0	50.0	27	33.0	115	52.5	JD	72	05	11	1555	201	720	2.79	100.0	119	5
120.0	60.0	27	13.0	116	30.5	JD	72	05	11	0926	208	676	3.08	100.0	425	16
120.0	70.0	26	53.0	117	10.0	JD	72	05	11	0409	206	706	2.92	100.0	1514	36
120.0	80.0	26	32.5	117	49.0	JD	72	05	10	2325	203	716	2.83	100.0	28	78
130.0	28.0	26	33.5	113	21.0	JD	72	05	13	0655	48	201	2.36	100.0	2	2
130.0	30.0	26	29.0	113	29.0	JD	72	05	13	0828	70	256	2.73	100.0	6	16

TABLE 1. (cont.)

CalCOFI Cruise 7205

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
130.0	35.0	26	19.0	113	48.0	JD	72	05	13	1100	205	661	3.10	100.0	148	19
130.0	40.0	26	09.3	114	07.4	JD	72	05	13	1513	209	689	3.03	100.0	27	19
130.0	50.0	25	49.5	114	47.0	JD	72	05	13	2029	208	697	2.99	100.0	18	233
130.0	60.0	25	29.0	115	24.0	JD	72	05	14	0440	207	685	3.01	100.0	139	51
130.0	70.0	25	08.0	116	03.0	JD	72	05	14	1013	201	710	2.82	100.0	35	2563
130.0	80.0	24	50.1	116	35.7	JD	72	05	14	1514	207	699	2.96	100.0	80	410
130.0	90.0	24	26.0	117	17.0	JD	72	05	14	2102	203	694	2.93	100.0	383	167
140.0	30.0	24	45.2	112	24.2	JD	72	06	02	0418	80	316	2.54	100.0	5	6
140.0	35.0	24	35.4	112	42.5	JD	72	06	02	0129	206	722	2.86	100.0	0	2
140.0	40.0	24	26.0	113	02.0	JD	72	06	01	2256	212	657	3.22	100.0	27	312
140.0	45.0	24	16.0	113	22.0	JD	72	06	01	1901	199	695	2.86	100.0	101	987
140.0	50.0	24	06.0	113	40.2	JD	72	06	01	1632	210	665	3.15	100.0	49	364
140.0	55.0	23	55.5	113	58.5	JD	72	06	01	1333	210	665	3.15	100.0	30	942
140.0	60.0	23	45.0	114	16.0	JD	72	06	01	1112	206	659	3.13	100.0	16	278
140.0	70.0	23	25.0	114	55.0	JD	72	06	01	0511	201	719	2.79	100.0	20	109
140.0	80.0	23	05.0	115	33.0	JD	72	06	01	0011	207	680	3.05	100.0	103	341
140.0	90.0	22	42.0	116	11.5	JD	72	05	31	1902	199	711	2.80	100.0	139	487
140.0	100.0	22	24.8	116	46.0	JD	72	05	31	1409	211	687	3.08	100.0	41	555
140.0	120.0	21	44.5	118	01.0	JD	72	05	31	0031	206	697	2.96	100.0	616	23
150.0	19.0	23	23.8	110	39.2	JD	72	06	02	1533	209	592	3.53	100.0	5	9
150.0	25.0	23	11.5	111	01.5	JD	72	06	02	1923	208	599	3.47	100.0	698	178
150.0	30.0	23	02.0	111	20.0	JD	72	06	02	2220	208	616	3.37	100.0	621	1027
150.0	35.0	22	52.0	111	38.7	JD	72	06	03	0035	212	641	3.31	100.0	35	52
150.0	40.0	22	41.4	111	56.5	JD	72	06	03	0407	212	635	3.33	100.0	11	227
150.0	45.0	22	31.0	112	14.5	JD	72	06	03	0625	206	642	3.21	100.0	108	41
150.0	50.0	22	21.0	112	34.0	JD	72	06	03	0923	207	638	3.24	100.0	64	615
150.0	55.0	22	11.0	112	53.0	JD	72	06	03	1150	208	644	3.23	100.0	72	472
150.0	60.0	22	01.4	113	11.2	JD	72	06	03	1534	211	646	3.27	100.0	14	93
150.0	70.0	21	41.0	113	48.0	JD	72	06	03	2142	210	663	3.16	100.0	21	16
150.0	80.0	21	21.0	114	26.0	JD	72	06	04	0518	199	691	2.87	100.0	65	19
150.0	90.0	21	01.0	115	03.0	JD	72	06	04	0957	209	686	3.04	100.0	142	34
150.0	100.0	20	39.5	115	39.0	JD	72	06	04	1444	211	683	3.09	100.0	187	126
150.0	110.0	20	23.0	116	16.0	JD	72	06	04	2030	205	732	2.80	100.0	505	52
157.0	10.0	22	33.0	109	23.0	JD	72	06	06	2035	197	674	2.92	100.0	138	799
157.0	15.0	22	23.0	109	42.0	JD	72	06	06	1717	200	661	3.03	100.0	25	346
157.0	20.0	22	13.0	109	59.6	JD	72	06	06	1459	210	663	3.18	100.0	74	622
157.0	25.0	22	02.5	110	19.0	JD	72	06	06	1109	209	670	3.12	100.0	15	20
157.0	30.0	21	53.0	110	38.0	JD	72	06	06	0849	206	693	2.97	100.0	12	143
157.0	35.0	21	42.0	110	55.5	JD	72	06	06	0551	203	669	3.04	100.0	1	102
157.0	40.0	21	29.0	111	13.6	JD	72	06	06	0325	210	666	3.15	100.0	16	216
157.0	45.0	21	22.5	111	33.0	JD	72	06	06	0013	215	646	3.33	100.0	181	462
157.0	50.0	21	12.5	111	52.0	JD	72	06	05	2206	210	653	3.21	100.0	578	120
157.0	55.0	21	02.0	112	10.5	JD	72	06	05	1904	209	702	2.98	100.0	32	7
157.0	60.0	20	52.8	112	29.0	JD	72	06	05	1644	209	691	3.02	100.0	206	119

TABLE 1. (cont.)

CalCOFI Cruise 7207

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
43.0	42.0	41	04.0	124	21.8	AX	72	07	29	0205	169	564	2.99	25.0	0	0
43.0	45.0	40	59.0	124	35.5	AX	72	07	29	0005	209	634	3.30	25.0	5	2
43.0	50.0	40	45.7	124	57.0	AX	72	07	28	2100	216	699	3.09	25.0	8	6
43.0	55.0	40	37.2	125	18.0	AX	72	07	28	1728	211	707	2.98	25.0	6	1
43.0	60.0	40	28.0	125	40.8	AX	72	07	28	1446	211	666	3.17	25.0	12	0
43.0	65.0	40	17.5	126	05.0	AX	72	07	28	1100	218	686	3.18	25.0	11	7
43.0	70.0	40	05.0	126	26.4	AX	72	07	28	0740	222	673	3.29	100.0	14	10
47.0	50.0	40	13.6	124	33.3	AX	72	07	27	0423	216	611	3.53	25.0	8	3
47.0	55.0	40	03.6	124	55.3	AX	72	07	27	0642	224	671	3.33	25.0	14	4
47.0	60.0	39	54.0	125	18.0	AX	72	07	27	1045	212	704	3.02	25.0	6	1
47.0	65.0	39	45.0	125	38.5	AX	72	07	27	1330	212	706	3.00	25.0	7	0
47.0	70.0	39	35.0	126	03.2	AX	72	07	27	1730	215	720	2.98	25.0	5	2
47.0	80.0	39	13.5	126	47.0	AX	72	07	27	2308	220	684	3.21	100.0	39	5
50.0	47.0	39	46.0	123	54.5	AX	72	07	26	2250	109	354	3.08	25.0	2	0
50.0	50.0	39	40.0	124	07.7	AX	72	07	26	2045	220	608	3.62	25.0	8	1
50.0	55.0	39	29.8	124	28.0	AX	72	07	26	1650	209	736	2.83	25.0	9	4
50.0	60.0	39	19.7	124	51.4	AX	72	07	26	1355	217	780	2.78	25.0	9	0
50.0	65.0	39	10.7	125	15.2	AX	72	07	26	0855	219	617	3.54	25.0	7	2
50.0	70.0	38	59.0	125	37.7	AX	72	07	26	0555	213	705	3.02	25.0	3	27
50.0	80.0	38	40.0	126	20.5	AX	72	07	25	2357	224	719	3.12	100.0	32	5
50.0	90.0	38	20.0	127	04.8	AX	72	07	25	1605	221	723	3.06	100.0	17	12
53.0	52.0	39	02.1	123	52.1	AX	72	07	24	0930	101	361	2.80	25.0	1	2
53.0	55.0	38	56.1	124	04.7	AX	72	07	24	1105	217	639	3.39	25.0	7	2
53.0	60.0	38	46.1	124	26.9	AX	72	07	24	1546	218	668	3.27	25.0	5	3
53.0	65.0	38	37.3	124	49.9	AX	72	07	24	1828	225	537	4.19	25.0	7	5
53.0	70.0	38	26.0	125	10.4	AX	72	07	24	2158	222	625	3.55	25.0	4	5
53.0	80.0	38	06.0	125	55.0	AX	72	07	25	0355	211	733	2.88	25.0	13	0
53.0	90.0	37	45.8	126	39.5	AX	72	07	25	1050	219	716	3.06	100.0	9	18
57.0	55.0	38	22.8	123	39.5	AX	72	07	24	0305	216	605	3.58	25.0	1	3
57.0	60.0	38	12.8	124	02.0	AX	72	07	24	0008	224	621	3.62	25.0	25	2
57.0	65.0	38	02.0	124	23.9	AX	72	07	23	1936	220	654	3.36	25.0	2	0
57.0	70.0	37	52.1	124	46.1	AX	72	07	23	1705	220	677	3.25	25.0	17	5
57.0	80.0	37	32.0	125	29.5	AX	72	07	23	1121	223	722	3.08	25.0	16	3
57.0	90.0	37	10.6	126	13.0	AX	72	07	23	0555	212	727	2.91	100.0	36	12
60.0	50.0	37	57.4	122	53.2	AX	72	07	20	1306	28	73	3.71	100.0	1	26
60.0	52.0	37	52.9	123	03.3	AX	72	07	20	1136	106	257	4.12	25.0	9	95
60.0	55.0	37	46.9	123	15.3	AX	72	07	20	0955	145	452	3.21	25.0	9	3
60.0	60.0	37	36.2	123	36.8	AX	72	07	21	2050	225	720	3.12	25.0	11	8
60.0	65.0	37	26.4	123	58.2	AX	72	07	21	2312	222	681	3.26	25.0	26	6
60.0	70.0	37	17.0	124	20.1	AX	72	07	22	0618	220	687	3.18	25.0	10	4
60.0	80.0	36	57.9	125	04.0	AX	72	07	22	1505	219	689	3.19	25.0	4	2
60.0	90.0	36	37.3	125	46.0	AX	72	07	22	0030	219	742	2.95	100.0	451	38
63.0	50.0	37	23.4	122	27.8	AX	72	07	20	0520	31	118	2.66	25.0	5	688
63.0	52.0	37	19.0	122	35.8	AX	72	07	20	0345	59	201	2.94	25.0	32	229
63.0	55.0	37	13.1	122	48.0	AX	72	07	20	0150	218	617	3.52	25.0	17	3

TABLE 1. (cont.)

CalCOFI Cruise 7207

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
63.0	60.0	37	03.3	123	12.0	AX	72	07	19	2230	216	682	3.17	25.0	59	9
63.0	65.0	36	51.0	123	34.0	AX	72	07	19	1850	214	683	3.13	25.0	46	3
63.0	70.0	36	43.0	123	54.5	AX	72	07	19	1540	219	708	3.09	25.0	7	5
63.0	80.0	36	22.8	124	37.5	AX	72	07	19	1000	221	751	2.94	25.0	10	16
63.0	90.0	36	03.3	125	20.9	AX	72	07	19	0353	221	643	3.44	100.0	81	21
67.0	48.0	36	52.1	121	57.7	AX	72	07	17	2140	53	117	4.51	25.0	10	7
67.0	50.0	36	49.0	122	04.5	AX	72	07	17	2307	107	356	3.02	25.0	31	0
67.0	55.0	36	39.1	122	26.5	AX	72	07	18	0125	221	683	3.24	25.0	8	1
67.0	60.0	36	28.6	122	48.0	AX	72	07	18	0515	217	661	3.28	25.0	10	1
67.0	65.0	36	19.2	123	08.8	AX	72	07	18	0726	217	639	3.40	25.0	10	5
67.0	70.0	36	07.5	123	29.0	AX	72	07	18	1104	216	650	3.32	25.0	8	2
67.0	80.0	35	47.0	124	12.3	AX	72	07	18	1630	218	671	3.24	25.0	14	0
67.0	90.0	35	27.0	124	55.0	AX	72	07	18	2220	219	710	3.08	100.0	34	17
70.0	51.0	36	10.4	121	45.7	AX	72	07	17	1535	215	697	3.09	25.0	6	3
70.0	53.0	36	06.9	121	54.6	AX	72	07	17	1405	217	668	3.25	25.0	16	1
70.0	60.0	35	53.5	122	24.0	AX	72	07	17	0922	216	637	3.39	25.0	5	4
70.0	65.0	35	43.0	122	42.6	AX	72	07	17	0555	212	696	3.04	25.0	8	5
70.0	70.0	35	31.9	123	05.8	AX	72	07	17	0320	218	689	3.17	25.0	14	4
70.0	80.0	35	12.0	123	47.8	AX	72	07	16	2125	218	746	2.93	25.0	4	2
70.0	90.0	34	54.0	124	29.7	AX	72	07	16	1120	209	762	2.74	100.0	14	12
73.0	50.0	35	37.2	121	17.2	AL	72	07	06	1355	60	340	1.78	25.0	9	9
73.0	53.0	35	31.5	121	28.5	AL	72	07	06	1700	211	704	3.00	25.0	18	8
73.0	60.0	35	17.5	121	58.0	AL	72	07	06	2310	208	922	2.25	25.0	17	9
77.0	48.0	35	08.3	120	43.7	AL	72	07	07	2244	70	120	0.62	25.0	1	450
77.0	51.0	35	02.0	120	56.5	AL	72	07	08	0047	132	620	2.11	25.0	22	15
77.0	55.0	34	54.0	121	13.0	AL	72	07	08	0338	215	740	2.91	25.0	18	2
77.0	60.0	34	44.0	121	34.0	AL	72	07	08	0810	205	688	2.98	25.0	12	5
77.0	65.0	34	34.0	121	55.0	AL	72	07	08	1322	220	681	3.23	25.0	10	1
77.0	70.0	34	24.4	122	16.0	AL	72	07	08	1702	208	828	2.52	25.0	6	3
80.0	51.0	34	25.5	120	32.2	AX	72	07	12	1822	99	428	2.32	25.0	1	4
80.0	52.0	34	21.1	120	36.1	AX	72	07	12	2050	219	710	3.09	25.0	10	0
80.0	55.0	34	18.5	120	48.1	AX	72	07	12	2240	215	670	3.21	25.0	3	0
80.0	60.0	34	08.4	121	09.1	AX	72	07	13	0220	217	662	3.29	25.0	14	4
80.0	70.0	33	48.8	121	47.0	AX	72	07	13	1825	212	737	2.87	25.0	5	1
80.0	80.0	33	26.0	122	36.5	AX	72	07	15	1610	213	670	3.18	100.0	8	10
80.0	90.0	33	08.0	123	12.7	AX	72	07	15	2140	218	574	3.80	100.0	74	85
82.0	47.0	34	15.0	119	59.0	AL	72	07	10	1455	207	707	2.93	25.0	8	17
83.0	40.0	34	14.0	119	22.0	AL	72	07	10	1948	21	84	2.55	100.0	6	92
83.0	43.0	34	08.0	119	34.0	AL	72	07	10	1804	177	604	2.93	25.0	8	4
83.0	51.0	33	52.0	120	08.5	AL	72	07	10	1020	76	306	2.49	100.0	9	345
83.0	55.0	33	44.0	120	24.5	AL	72	07	10	0734	208	698	2.99	25.0	2	11
83.0	60.0	33	34.0	120	45.4	AL	72	07	10	0335	220	685	3.22	25.0	13	5
83.0	70.0	33	14.0	121	26.0	AL	72	07	09	2120	206	806	2.56	100.0	115	53
83.0	75.0	33	03.8	121	45.0	AX	72	07	14	1915	210	734	2.87	100.0	36	91
83.0	80.0	32	54.0	122	08.0	AL	72	07	09	1310	207	679	3.05	100.0	40	16

TABLE 1. (cont.)

CalCOFI Cruise 7207

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
83.0	90.0	32	35.0	122	50.0	AL	72	07	09	0652	211	741	2.86	100.0	37	96
87.0	33.0	33	54.2	118	29.4	AL	72	07	11	0205	33	183	1.79	25.0	181	473
87.0	35.0	33	50.0	118	37.5	AL	72	07	11	0415	207	766	2.70	25.0	13	6
87.0	40.0	33	40.0	118	58.0	AL	72	07	11	0755	216	688	3.15	25.0	6	6
87.0	45.0	33	30.0	119	19.0	AL	72	07	11	1155	218	641	3.40	25.0	15	47
87.0	55.0	33	10.0	120	00.0	AL	72	07	11	1950	208	697	2.98	25.0	0	3
87.0	60.0	33	00.0	120	21.0	AL	72	07	12	0025	206	728	2.82	25.0	16	2
87.0	70.0	32	39.0	121	02.0	AL	72	07	12	0817	206	699	2.95	100.0	31	16
87.0	80.0	32	19.0	121	43.0	AL	72	07	12	1410	210	768	2.74	100.0	30	41
87.0	90.0	31	59.0	122	24.0	AL	72	07	12	2105	211	721	2.93	100.0	55	13
90.0	28.0	33	28.5	117	46.7	JD	72	07	25	0510	88	328	2.68	25.0	6	54
90.0	32.0	33	20.8	118	02.9	JD	72	07	25	0217	208	735	2.83	25.0	181	14
90.0	37.0	33	11.0	118	22.0	JD	72	07	24	2315	205	732	2.81	25.0	52	20
90.0	45.0	32	54.5	118	55.5	JD	72	07	24	1824	213	721	2.95	25.0	13	2
90.0	53.0	32	38.3	119	28.8	JD	72	07	24	1417	208	704	2.96	25.0	37	9
90.0	60.0	32	25.0	119	58.0	JD	72	07	24	0950	209	544	3.84	100.0	19	13
90.0	70.0	32	04.5	120	38.5	JD	72	07	24	0414	208	587	3.54	100.0	61	122
90.0	80.0	31	44.0	121	20.0	JD	72	07	23	2319	207	717	2.88	100.0	67	96
90.0	90.0	31	25.0	122	00.0	JD	72	07	23	1733	212	656	3.24	100.0	13	137
93.0	27.0	32	56.0	117	19.0	AL	72	07	16	0357	96	391	2.44	25.0	265	207
93.0	28.0	32	54.5	117	21.8	AL	72	07	16	0258	203	692	2.93	25.0	125	79
93.0	30.0	32	50.5	117	31.0	AL	72	07	16	0040	201	684	2.94	25.0	148	238
93.0	35.0	32	40.5	117	51.5	AL	72	07	15	2100	205	681	3.01	25.0	83	10
93.0	40.0	32	30.0	118	11.5	AL	72	07	15	1730	206	746	2.77	25.0	26	105
93.0	45.0	32	20.0	118	32.0	AL	72	07	15	1322	219	705	3.12	25.0	47	165
93.0	50.0	32	10.0	118	52.5	AL	72	07	15	0910	204	742	2.74	25.0	7	9
93.0	55.0	31	59.5	119	13.0	AL	72	07	15	0505	210	662	3.18	25.0	152	7
93.0	60.0	31	50.0	119	34.0	AL	72	07	15	0127	204	734	2.78	100.0	198	43
93.0	70.0	31	30.0	120	14.0	AL	72	07	14	1912	219	767	2.85	100.0	32	96
93.0	80.0	31	10.0	120	54.0	AL	72	07	14	1345	216	505	4.28	100.0	30	198
93.0	90.0	30	50.5	121	34.0	AL	72	07	14	0540	217	641	3.39	100.0	18	105
93.0	100.0	30	30.0	122	14.0	AL	72	07	13	2353	204	713	2.87	100.0	75	137
93.0	120.0	29	48.0	123	34.0	AL	72	07	13	1341	213	740	2.88	100.0	31	355
97.0	32.0	32	12.0	117	15.2	AL	72	07	16	1045	208	710	2.93	25.0	149	34
97.0	35.0	32	05.5	117	27.5	AL	72	07	16	1340	205	747	2.74	25.0	26	38
97.0	40.0	31	56.0	117	48.0	AL	72	07	16	1800	207	790	2.62	25.0	87	53
97.0	45.0	31	46.0	118	08.0	AL	72	07	16	2235	203	758	2.68	25.0	28	5
97.0	50.0	31	36.0	118	30.0	AL	72	07	17	0315	207	706	2.94	25.0	15	8
97.0	55.0	31	25.5	118	48.5	AL	72	07	17	0720	205	769	2.67	25.0	10	9
97.0	60.0	31	15.5	119	10.0	AL	72	07	17	1038	209	684	3.06	25.0	4	9
97.0	70.0	30	55.0	119	50.0	AL	72	07	17	1839	211	702	3.02	100.0	10	38
97.0	80.0	30	35.0	120	30.0	AL	72	07	18	0050	205	777	2.64	100.0	55	153
97.0	90.0	30	15.0	121	10.0	AL	72	07	18	0657	206	759	2.71	100.0	41	493
100.0	29.0	31	42.2	116	43.4	JD	72	07	21	1837	89	348	2.56	25.0	3	107
100.0	30.0	31	40.5	116	46.5	JD	72	07	21	2023	207	741	2.79	25.0	4	18

TABLE 1. (cont.)

CalCOFI Cruise 7207

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
100.0	35.0	31	30.5	117	07.0	JD	72	07	21	2305	198	733	2.70	25.0	18	2
100.0	40.0	31	21.4	117	27.1	JD	72	07	22	0250	213	678	3.14	25.0	19	1
100.0	50.0	31	00.5	118	07.0	JD	72	07	22	0734	211	653	3.23	25.0	12	57
100.0	60.0	30	40.0	118	48.0	JD	72	07	22	1242	214	750	2.85	25.0	4	16
100.0	70.0	30	20.5	119	27.5	JD	72	07	22	1813	209	713	2.93	100.0	20	129
100.0	80.0	30	00.0	120	07.0	JD	72	07	22	2339	213	707	3.01	100.0	196	424
100.0	90.0	29	40.5	120	47.0	JD	72	07	23	0441	208	755	2.75	100.0	284	220
103.0	45.0	30	36.0	117	24.0	JD	72	07	20	2128	206	766	2.69	25.0	20	37
103.0	50.0	30	26.0	117	44.5	JD	72	07	20	1910	208	723	2.88	25.0	26	19
103.0	60.0	30	05.6	118	24.0	JD	72	07	20	1434	211	753	2.81	25.0	7	14
103.0	70.0	29	46.0	119	04.0	JD	72	07	20	0852	207	728	2.84	100.0	45	252
103.0	80.0	29	28.6	119	43.4	JD	72	07	20	0251	211	729	2.89	100.0	269	270
107.0	31.0	30	28.0	116	07.0	JD	72	07	18	2017	35	156	2.24	25.0	21	632
107.0	32.0	30	26.0	116	11.0	JD	72	07	18	2120	204	753	2.71	25.0	13	16
107.0	35.0	30	21.0	116	22.0	JD	72	07	18	2326	206	735	2.80	25.0	10	4
107.0	40.0	30	11.0	116	42.0	JD	72	07	19	0227	212	650	3.25	25.0	11	11
107.0	50.0	29	50.5	117	22.0	JD	72	07	19	0700	199	737	2.70	25.0	9	5
107.0	60.0	29	32.0	118	01.5	JD	72	07	19	1211	211	730	2.88	25.0	12	44
107.0	70.0	29	11.0	118	41.0	JD	72	07	19	1800	210	777	2.70	100.0	198	456
107.0	80.0	28	54.0	119	20.0	JD	72	07	19	2223	213	739	2.88	100.0	137	152
110.0	32.0	29	51.3	115	49.5	JD	72	07	18	1251	49	189	2.58	25.0	17	251
110.0	35.0	29	46.0	116	00.0	JD	72	07	18	1029	207	755	2.74	25.0	3	9
110.0	40.0	29	36.5	116	20.0	JD	72	07	18	0710	209	724	2.88	25.0	23	2
110.0	45.0	29	26.5	116	39.5	JD	72	07	18	0325	211	703	3.00	25.0	20	11
110.0	50.0	29	17.0	116	58.3	JD	72	07	18	0115	210	694	3.02	25.0	22	21
110.0	55.0	29	06.5	117	19.0	JD	72	07	17	2220	206	712	2.90	25.0	19	7
110.0	60.0	28	57.0	117	39.0	JD	72	07	17	2001	207	735	2.81	100.0	40	115
110.0	70.0	28	35.5	118	17.2	JD	72	07	17	1448	209	730	2.86	100.0	97	167
110.0	80.0	28	16.0	118	58.0	JD	72	07	17	0955	208	733	2.84	100.0	80	224
113.0	29.0	29	24.0	115	13.0	JD	72	07	15	2119	21	108	1.90	25.0	5	203
113.0	30.0	29	22.0	115	18.0	JD	72	07	15	2219	49	197	2.46	25.0	2	92
113.0	35.0	29	11.5	115	38.5	JD	72	07	16	0055	209	725	2.88	25.0	5	4
113.0	40.0	29	01.8	115	56.7	JD	72	07	16	0346	206	768	2.68	25.0	50	11
113.0	45.0	28	52.0	116	18.0	JD	72	07	16	1004	204	773	2.64	100.0	68	64
113.0	50.0	28	41.5	116	36.2	JD	72	07	16	1329	208	757	2.74	25.0	15	12
113.0	60.0	28	22.0	117	16.0	JD	72	07	16	1837	200	784	2.55	100.0	119	122
113.0	70.0	28	02.0	117	55.0	JD	72	07	16	2310	209	704	2.96	100.0	244	183
113.0	80.0	27	42.0	118	33.5	JD	72	07	17	0354	203	751	2.70	100.0	121	249
117.0	25.0	28	58.5	114	36.9	JD	72	07	15	1246	27	120	2.29	25.0	10	31
117.0	26.0	28	55.0	114	43.5	JD	72	07	15	1141	63	233	2.69	25.0	7	18
117.0	30.0	28	48.0	114	56.0	JD	72	07	15	0919	95	336	2.84	25.0	31	79
117.0	35.0	28	38.0	115	16.0	JD	72	07	15	0619	171	537	3.18	25.0	14	20
117.0	40.0	28	28.0	115	35.5	JD	72	07	15	0118	208	684	3.04	25.0	106	19
117.0	45.0	28	18.0	115	56.0	JD	72	07	14	2208	208	737	2.82	25.0	143	10
117.0	50.0	28	08.0	116	15.0	JD	72	07	14	2000	208	692	3.00	25.0	51	28

TABLE 1. (cont.)

CalCOFI Cruise 7207

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
117.0	60.0	27	48.0	116	53.0	JD	72	07	14	1537	206	704	2.93	25.0	37	6
117.0	70.0	27	27.5	117	32.5	JD	72	07	14	0918	208	755	2.76	100.0	146	122
117.0	80.0	27	08.0	118	10.5	JD	72	07	14	0422	211	695	3.03	100.0	216	683
118.0	39.0	28	18.7	115	23.7	JD	72	07	15	0334	209	667	3.14	25.0	17	32
119.0	33.0	28	19.0	114	53.0	JD	72	07	12	2012	102	343	2.96	25.0	16	37
120.0	24.0	28	24.8	114	10.8	JD	72	07	12	1421	28	119	2.34	25.0	90	64
120.0	25.0	28	22.5	114	15.0	JD	72	07	12	1507	48	179	2.70	25.0	26	244
120.0	30.0	28	12.3	114	33.4	JD	72	07	12	1724	78	336	2.31	25.0	38	108
120.0	35.0	28	03.0	114	54.0	JD	72	07	12	2204	73	303	2.42	25.0	24	59
120.0	40.0	27	56.5	115	14.0	JD	72	07	12	2355	26	114	2.28	100.0	307	615
120.0	45.0	27	43.0	115	33.0	JD	72	07	13	0324	212	703	3.01	25.0	21	38
120.0	50.0	27	33.0	115	53.0	JD	72	07	13	0630	210	700	3.00	25.0	10	16
120.0	60.0	27	13.0	116	30.5	JD	72	07	13	1155	209	715	2.93	100.0	34	152
120.0	70.0	26	52.0	117	09.3	JD	72	07	13	1639	210	734	2.86	100.0	92	264
120.0	80.0	26	33.0	117	49.0	JD	72	07	13	2341	210	718	2.93	100.0	140	99
123.0	36.0	27	26.2	114	36.0	JD	72	07	12	0513	40	179	2.23	100.0	2	243
123.0	37.0	27	24.3	114	40.0	JD	72	07	12	0430	61	268	2.27	100.0	7	247
123.0	42.0	27	14.0	114	59.0	JD	72	07	12	0138	209	723	2.89	25.0	6	17
123.0	45.0	27	08.0	115	11.5	JD	72	07	11	2317	209	736	2.85	25.0	6	51
123.0	50.0	26	58.0	115	31.0	JD	72	07	11	2048	211	705	3.00	25.0	16	56
123.0	60.0	26	38.5	116	09.0	JD	72	07	11	1607	211	749	2.81	100.0	89	153
127.0	33.0	26	57.5	114	02.2	JD	72	07	10	2025	54	233	2.31	100.0	0	0
127.0	34.0	26	55.0	114	06.5	JD	72	07	10	2140	70	273	2.58	100.0	0	18
127.0	40.0	26	43.5	114	29.0	JD	72	07	11	0110	215	729	2.96	100.0	13	54
127.0	45.0	26	33.0	114	48.5	JD	72	07	11	0321	202	717	2.82	25.0	0	40
127.0	50.0	26	23.0	115	07.0	JD	72	07	11	0633	212	733	2.89	100.0	29	3987
127.0	60.0	26	04.0	115	46.0	JD	72	07	11	1135	213	750	2.84	100.0	13	179
130.0	28.0	26	32.5	113	21.0	JD	72	07	10	1534	45	185	2.43	25.0	3	20
130.0	30.0	26	29.1	113	29.0	JD	72	07	10	1353	70	280	2.51	25.0	0	1
130.0	35.0	26	19.0	113	48.0	JD	72	07	10	1030	211	758	2.78	25.0	0	1
130.0	40.0	26	09.0	114	07.0	JD	72	07	10	0810	206	768	2.68	100.0	6	1295
130.0	50.0	25	49.0	114	46.0	JD	72	07	10	0218	215	706	3.04	25.0	5	64
130.0	60.0	25	29.0	115	24.0	JD	72	07	09	2102	205	776	2.64	100.0	11	136
133.0	23.0	26	08.5	112	40.2	JD	72	07	08	1947	72	248	2.88	100.0	47	4
133.0	30.0	25	54.0	113	07.0	JD	72	07	08	2347	189	770	2.46	25.0	0	0
133.0	35.0	25	44.5	113	26.5	JD	72	07	09	0217	212	732	2.90	100.0	1	110
133.0	40.0	25	34.5	113	45.5	JD	72	07	09	0530	220	690	3.18	25.0	0	1
133.0	50.0	25	14.5	114	24.0	JD	72	07	09	1006	208	707	2.94	100.0	16	100
133.0	60.0	24	54.7	115	02.1	JD	72	07	09	1508	215	686	3.14	100.0	5	53
137.0	22.0	25	35.5	112	14.8	JD	72	07	08	1602	36	141	2.55	100.0	59	349
137.0	23.0	25	33.7	112	18.8	JD	72	07	08	1455	63	214	2.96	100.0	33	97
137.0	30.0	25	20.0	112	46.0	JD	72	07	08	1112	206	692	2.98	25.0	0	0
137.0	35.0	25	10.0	113	04.5	JD	72	07	08	0753	198	735	2.70	25.0	0	3
137.0	40.0	25	00.0	113	23.5	JD	72	07	08	0529	213	681	3.12	25.0	2	4
137.0	50.0	24	40.0	114	02.0	JD	72	07	07	2332	206	675	3.06	25.0	2	6

TABLE 1. (cont.)

CalCOFI Cruise 7210

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
40.0	38.0	41	47.2	124	28.1	AX	72	10	30	0302	190	505	3.76	100.0	2	1
40.0	40.0	41	43.1	124	38.0	AX	72	10	30	0530	211	639	3.29	100.0	12	10
40.0	45.0	41	35.0	124	58.9	AX	72	10	30	0803	212	627	3.38	100.0	6	8
40.0	50.0	41	23.5	125	25.0	AX	72	10	30	1140	204	647	3.14	100.0	6	14
40.0	55.0	41	13.1	125	47.9	AX	72	10	30	1413	169	704	2.39	100.0	15	21
40.0	60.0	41	03.0	126	08.7	AX	72	10	30	1837	208	718	2.90	100.0	7	11
40.0	65.0	40	51.8	126	32.4	AX	72	10	30	2059	220	614	3.58	100.0	23	23
40.0	70.0	40	43.3	126	54.8	AX	72	10	31	0110	210	714	2.94	100.0	38	14
40.0	80.0	40	25.2	127	42.7	AX	72	10	31	0720	202	669	3.02	100.0	25	49
40.0	90.0	40	03.5	128	23.9	AX	72	10	31	1403	217	688	3.16	100.0	4	21
40.0	100.0	39	42.3	129	09.5	AX	72	10	31	1930	221	658	3.35	100.0	7	18
40.0	120.0	39	03.0	130	39.0	AX	72	11	01	0634	221	655	3.38	100.0	9	19
40.0	180.0	37	00.5	134	46.0	AX	72	11	02	0617	211	718	2.93	100.0	23	6
50.0	47.0	39	43.1	123	54.8	AX	72	11	08	0446	92	313	2.93	100.0	37	24
50.0	50.0	39	39.8	124	07.6	AX	72	11	08	0312	203	690	2.95	100.0	26	6
50.0	55.0	39	30.1	124	30.0	AX	72	11	07	2258	198	735	2.70	100.0	59	42
50.0	60.0	39	20.0	124	51.5	AX	72	11	07	2031	214	673	3.18	100.0	36	34
50.0	65.0	39	11.0	125	13.9	AX	72	11	07	1730	221	698	3.16	100.0	18	32
50.0	70.0	39	00.8	125	37.0	AX	72	11	07	1503	224	693	3.23	100.0	20	36
50.0	80.0	38	39.0	126	22.0	AX	72	11	07	0953	211	734	2.88	100.0	2	21
50.0	90.0	38	19.8	127	04.5	AX	72	11	07	0402	213	715	2.98	100.0	20	12
50.0	100.0	38	01.3	127	49.0	AX	72	11	06	2225	219	713	3.07	100.0	29	23
50.0	120.0	37	20.7	129	15.5	AX	72	11	06	1045	217	721	3.01	100.0	6	8
60.0	50.0	37	57.5	122	53.2	AX	72	11	10	1116	26	166	1.56	100.0	0	18
60.0	52.0	37	53.7	123	01.8	AX	72	11	10	1226	77	241	3.19	100.0	13	20
60.0	55.0	37	47.1	123	15.1	AX	72	11	10	1427	97	395	2.46	100.0	18	11
60.0	60.0	37	37.0	123	37.2	AX	72	11	10	1845	219	683	3.20	100.0	33	22
60.0	65.0	37	27.0	123	58.0	AX	72	11	10	2128	210	709	2.96	100.0	16	19
60.0	70.0	37	14.0	124	17.9	AX	72	11	11	0045	229	691	3.32	100.0	10	15
60.0	80.0	36	55.7	125	02.8	AX	72	11	11	0544	210	760	2.76	100.0	6	20
60.0	90.0	36	39.2	125	45.5	AX	72	11	11	1025	206	740	2.78	100.0	7	7
60.0	100.0	36	17.2	126	29.1	AX	72	11	11	1524	219	678	3.23	100.0	6	2
60.0	120.0	35	36.9	127	53.0	AX	72	10	12	0120	215	704	3.06	100.0	9	18
70.0	51.0	36	10.9	121	44.0	AX	72	11	14	0654	202	751	2.69	100.0	10	8
70.0	53.0	36	06.5	121	53.8	AX	72	11	14	0507	197	730	2.70	100.0	63	23
70.0	60.0	35	53.0	122	23.5	AX	72	11	14	0102	209	726	2.88	100.0	59	49
70.0	65.0	35	43.2	122	44.5	AX	72	11	13	2011	204	748	2.73	100.0	70	69
70.0	70.0	35	33.0	123	06.0	AX	72	11	13	1737	199	770	2.59	100.0	41	9
70.0	80.0	35	12.6	123	48.7	AX	72	11	13	1257	210	736	2.85	100.0	4	6
70.0	90.0	34	53.0	124	30.0	AX	72	11	13	0807	207	750	2.76	100.0	3	22
80.0	51.0	34	26.0	120	32.5	AX	72	10	14	2117	78	364	2.16	100.0	21	14
80.0	52.0	34	24.3	120	36.5	AX	72	10	14	2208	180	781	2.31	100.0	13	26
80.0	55.0	34	19.0	120	47.7	AX	72	11	14	2345	205	727	2.82	100.0	50	29
80.0	60.0	34	09.0	121	08.9	AX	72	11	15	0419	221	707	3.13	100.0	41	31
80.0	70.0	33	48.3	121	51.4	AX	72	11	15	1255	215	728	2.95	100.0	14	23

TABLE 1. (cont.)

CalCOFI Cruise 7210

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
80.0	80.0	33	29.0	122	32.1	AX	72	11	16	0752	210	723	2.90	100.0	2	16
80.0	90.0	33	09.8	123	13.6	AX	72	11	16	0002	214	693	3.09	100.0	32	28
90.0	28.0	33	28.4	117	47.0	JD	72	09	25	1839	212	622	3.41	100.0	185	133
90.0	32.0	33	20.5	118	03.0	JD	72	09	25	2130	208	641	3.25	100.0	765	77
90.0	37.0	33	11.0	118	22.5	JD	72	09	26	0129	203	693	2.92	100.0	284	12
90.0	45.0	32	54.3	118	55.5	JD	72	09	26	0922	208	668	3.11	100.0	100	27
90.0	53.0	32	40.0	119	29.0	JD	72	09	26	1346	210	677	3.10	100.0	34	0
90.0	70.0	32	04.5	120	38.5	JD	72	09	26	2348	209	705	2.96	100.0	13	18
90.0	80.0	31	44.5	121	19.5	JD	72	09	27	0505	214	637	3.35	100.0	47	12
90.0	90.0	31	24.0	122	01.0	JD	72	09	27	1006	211	663	3.18	100.0	79	73
90.0	100.0	31	05.0	122	39.0	JD	72	09	27	1537	202	694	2.92	100.0	37	28
90.0	120.0	30	25.0	124	00.0	JD	72	09	28	0105	212	661	3.21	100.0	88	318
90.0	140.0	29	45.0	125	20.0	JD	72	09	28	0935	209	648	3.22	100.0	39	31
100.0	29.0	31	42.7	116	43.4	JD	72	10	13	1222	109	360	3.02	100.0	27	30
100.0	30.0	31	40.5	116	46.5	JD	72	10	13	1106	212	746	2.84	100.0	60	7
100.0	35.0	31	30.0	117	07.0	JD	72	10	13	0802	213	712	2.99	100.0	16	9
100.0	40.0	31	21.0	117	27.0	JD	72	10	13	0508	213	632	3.37	100.0	20	12
100.0	50.0	30	55.0	118	07.0	JD	72	10	12	2047	216	589	3.67	100.0	36	15
100.0	60.0	30	40.5	118	47.5	JD	72	10	12	1634	214	714	2.99	100.0	1	48
100.0	70.0	30	20.5	119	27.5	JD	72	10	12	1122	211	707	2.98	100.0	17	63
100.0	80.0	30	00.0	120	07.0	JD	72	10	12	0620	212	688	3.08	100.0	16	21
100.0	90.0	29	40.5	120	47.0	JD	72	10	12	0040	210	690	3.05	100.0	109	182
100.0	100.0	29	19.5	121	25.0	JD	72	10	11	1958	210	735	2.86	100.0	253	184
100.0	120.0	28	40.5	122	46.0	JD	72	10	11	1150	217	723	3.00	100.0	54	34
100.0	140.0	28	00.0	124	04.0	JD	72	10	11	0000	211	736	2.87	100.0	85	13
110.0	32.0	29	51.0	115	49.8	JD	72	10	17	0920	35	139	2.54	100.0	10	55
110.0	35.0	29	46.0	116	00.0	JD	72	10	17	1130	212	710	2.99	100.0	11	2
110.0	40.0	29	36.5	116	19.5	JD	72	10	17	1536	212	666	3.18	100.0	14	3
110.0	45.0	29	26.5	116	39.0	JD	72	10	17	1751	213	667	3.19	100.0	98	18
110.0	50.0	29	16.5	116	59.0	JD	72	10	17	2105	211	638	3.31	100.0	127	4
110.0	55.0	29	06.5	117	19.0	JD	72	10	17	2330	209	655	3.19	100.0	176	30
110.0	60.0	28	56.5	117	39.0	JD	72	10	18	0549	205	669	3.06	100.0	59	33
110.0	70.0	28	36.5	118	18.0	JD	72	10	18	1033	205	692	2.96	100.0	24	64
110.0	80.0	28	16.5	118	57.5	JD	72	10	18	1630	213	677	3.15	100.0	33	53
120.0	24.0	28	24.0	114	10.7	JD	72	10	20	1402	28	116	2.43	100.0	145	68
120.0	25.0	28	22.4	114	15.3	JD	72	10	20	1305	56	214	2.64	100.0	131	421
120.0	30.0	28	13.0	114	34.0	JD	72	10	20	1010	82	329	2.50	100.0	72	161
120.0	35.0	28	03.0	114	54.0	JD	72	10	20	0743	76	280	2.70	100.0	111	265
120.0	40.0	27	56.5	115	14.0	JD	72	10	20	0534	35	142	2.43	100.0	54	112
120.0	45.0	27	43.1	115	30.0	JD	72	10	20	0300	213	711	2.99	100.0	105	113
120.0	50.0	27	33.0	115	52.5	JD	72	10	19	2100	212	697	3.04	100.0	140	10
120.0	60.0	27	13.0	116	30.0	JD	72	10	19	1544	211	690	3.06	100.0	32	31
120.0	70.0	26	53.0	117	10.0	JD	72	10	19	0958	207	697	2.97	100.0	51	20
120.0	80.0	26	32.5	117	49.0	JD	72	10	19	0450	210	695	3.03	100.0	147	75
130.0	28.0	26	33.5	113	21.0	JD	72	10	21	0640	48	187	2.55	100.0	24	73

TABLE 1. (cont.)

CalCOFI Cruise 7210

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
130.0	30.0	26	29.0	113	29.0	JD	72	10	21	0757	65	278	2.34	100.0	72	256
130.0	35.0	26	19.0	113	48.0	JD	72	10	21	1004	210	686	3.06	100.0	18	2
130.0	40.0	26	09.0	114	07.9	JD	72	10	21	1416	211	720	2.92	100.0	18	439
130.0	50.0	25	49.0	114	45.0	JD	72	10	21	1920	211	736	2.87	100.0	37	494
130.0	60.0	25	29.0	115	25.0	JD	72	10	22	0749	206	719	2.87	100.0	26	413
130.0	70.0	25	09.0	116	02.0	JD	72	10	22	1336	213	739	2.88	100.0	61	94
130.0	80.0	24	49.0	116	40.5	JD	72	10	22	1830	213	715	2.98	100.0	122	129
130.0	90.0	24	29.0	117	17.5	JD	72	10	22	2320	205	770	2.65	100.0	49	64
140.0	30.0	24	45.5	112	24.0	JD	72	11	10	0150	206	361	2.92	100.0	21	28
140.0	35.0	24	35.5	112	42.5	JD	72	11	09	2300	106	690	2.98	100.0	164	573
140.0	40.0	24	25.5	113	02.0	JD	72	11	09	2043	211	722	2.92	100.0	42	3
140.0	45.0	24	13.0	113	20.0	JD	72	11	09	1703	211	714	2.95	100.0	49	74
140.0	50.0	24	05.5	113	39.5	JD	72	11	09	1439	212	724	2.93	100.0	30	197
140.0	55.0	23	55.0	114	03.0	JD	72	11	09	1107	211	736	2.87	100.0	58	15
140.0	60.0	23	46.0	114	17.5	JD	72	11	09	0837	211	747	2.82	100.0	47	96
140.0	70.0	23	26.5	114	55.5	JD	72	11	09	0300	205	701	2.93	100.0	240	44
140.0	80.0	23	05.0	115	33.0	JD	72	11	08	2143	207	707	2.92	100.0	96	28
140.0	90.0	22	45.0	116	10.5	JD	72	11	08	1633	214	703	3.04	100.0	5	7
140.0	100.0	22	25.0	116	47.0	JD	72	11	08	1152	213	705	3.02	100.0	18	29
140.0	120.0	21	45.0	118	00.0	JD	72	11	07	2256	205	721	2.85	100.0	204	52
150.0	19.0	23	23.5	110	39.0	JD	72	11	10	1343	212	721	2.94	100.0	85	352
150.0	25.0	23	09.5	111	00.0	JD	72	11	10	1723	212	685	3.09	100.0	250	650
150.0	30.0	23	02.0	111	20.0	JD	72	11	10	2015	210	698	3.01	100.0	355	215
150.0	35.0	22	52.0	111	38.0	JD	72	11	10	2233	211	697	3.03	100.0	298	19
150.0	40.0	22	42.0	111	57.0	JD	72	11	11	0147	208	688	3.02	100.0	322	73
150.0	45.0	22	31.5	112	16.0	JD	72	11	11	0408	211	688	3.07	100.0	259	77
150.0	50.0	22	22.0	112	35.0	JD	72	11	11	0703	210	683	3.08	100.0	36	153
150.0	55.0	22	12.0	112	53.0	JD	72	11	11	0934	208	720	2.88	100.0	43	160
150.0	60.0	22	01.5	113	12.0	JD	72	11	11	1337	213	693	3.07	100.0	20	64
150.0	70.0	21	41.0	113	47.5	JD	72	11	11	1821	210	735	2.86	100.0	36	325
150.0	80.0	21	20.2	114	26.0	JD	72	11	12	0136	213	695	3.07	100.0	57	30
150.0	90.0	21	04.0	115	03.5	JD	72	11	12	0624	213	681	3.13	100.0	35	31
150.0	100.0	20	41.0	115	40.0	JD	72	11	12	1133	206	707	2.91	100.0	244	33
150.0	110.0	20	21.0	116	16.0	JD	72	11	12	1645	213	679	3.14	100.0	68	10
157.0	10.0	22	33.0	109	23.0	JD	72	11	14	1750	207	691	2.99	100.0	243	280
157.0	15.0	22	23.6	109	42.4	JD	72	11	14	1501	212	697	3.05	100.0	95	32
157.0	20.0	22	11.0	110	03.0	JD	72	11	14	1215	214	694	3.09	100.0	167	125
157.0	25.0	22	02.5	110	19.0	JD	72	11	14	0811	208	704	2.96	100.0	124	272
157.0	30.0	21	52.0	110	37.0	JD	72	11	14	0600	211	669	3.15	100.0	191	312
157.0	35.0	21	42.2	110	56.0	JD	72	11	14	0300	213	654	3.25	100.0	210	174
157.0	40.0	21	32.5	111	14.5	JD	72	11	14	0030	211	677	3.12	100.0	72	65
157.0	45.0	21	23.0	111	33.0	JD	72	11	13	2050	206	715	2.88	100.0	196	15
157.0	50.0	21	12.5	111	52.0	JD	72	11	13	1825	211	687	3.08	100.0	142	17
157.0	55.0	21	02.2	112	10.7	JD	72	11	13	1528	211	702	3.01	100.0	54	16
157.0	60.0	20	52.0	112	29.0	JD	72	11	13	1304	213	698	3.05	100.0	21	58

TABLE 2. Pooled occurrences of fish larvae taken during CalCOFI cruises in 1972.

Rank	Taxon	Occurrences
1	*Engraulis mordax*	548
2	*Sebastes* spp.	509
3	*Protomyctophum crockeri*	388
4	*Leuroglossus stilbius*	387
5	*Tarletonbeania crenularis*	377
6	*Stenobrachius leucopsarus*	356
7	*Bathylagus ochotensis*	345
8	*Merluccius productus*	305
9	*Lampanyctus* spp.	281
10	*Vinciguerria lucetia*	271
11	Disintegrated fish larva	258
12	*Citharichthys* spp.	227
13	Unidentified fish larva	222
14	*Melamphaes* spp.	219
15	*Triphoturus mexicanus*	218
16	Sternoptychidae	217
17	*Diogenichthys laternatus*	201
18	*Lampanyctus ritteri*	187
19	*Bathylagus wesethi*	164
20	*Icichthys lockingtoni*	140
20	*Sebastes paucispinis*	140
22	*Cyclothone* spp.	130
23	*Chauliodus macouni*	123
23	Myctophidae	123
25	*Bathylagus* spp.	121
26	*Hygophum atratum*	120
27	*Stomias atriventer*	117
28	*Trachurus symmetricus*	116
29	*Diaphus* spp.	107
30	*Symbolophorus californiensis*	100
31	*Bathylagus pacificus*	99
32	*Citharichthys stigmaeus*	92
33	*Sebastes jordani*	90
34	Gobiidae	88
35	*Lestidiops ringens*	82
36	*Diogenichthys atlanticus*	68
36	*Ceratoscopelus townsendi*	68
38	*Sebastolobus* spp.	65
39	Sciaenidae	63
40	Trachipteridae	56
41	*Lyopsetta exilis*	54
41	*Argentina sialis*	54
43	*Parophrys vetulus*	53
44	*Danaphos oculatus*	51
45	*Gonichthys tenuiculus*	49
46	*Diplophos taenia*	47
47	*Nansenia candida*	44
48	*Nansenia crassa*	39

TABLE 2. (cont.)

Rank	Taxon	Occurrences
49	*Paralichthys californicus*	37
49	*Bregmaceros* spp.	37
51	*Microstoma microstoma*	33
52	Paralepididae	32
53	*Cololabis saira*	31
54	Clinidae	30
55	Cottidae	28
56	*Sardinops sagax*	27
57	Anguilliformes	26
58	*Idiacanthus antrostomus*	25
58	*Lampanyctus regalis*	25
60	*Scopelarchus* spp.	24
61	*Scopelogadus bispinosus*	21
61	*Myctophum aurolaternatum*	21
61	*Pleuronichthys verticalis*	21
61	*Oxyjulis californica*	21
61	Serranidae	21
66	*Symphurus* spp.	20
67	Macrouridae	18
67	*Sebastes aurora*	18
69	Agonidae	17
69	*Microstomus pacificus*	17
69	*Hippoglossina stomata*	17
72	*Hypsoblennius* spp.	16
72	Hexagrammidae	16
72	*Scopelarchoides nicholsi*	16
75	Chiasmodontidae	15
75	Gempylidae	15
75	*Poromitra* spp.	15
75	*Glyptocephalus zachirus*	15
75	*Electrona rissoi*	15
75	*Rosenblattichthys volucris*	15
75	*Sebastes macdonaldi*	15
82	Moridae	14
82	Cyclopteridae	14
82	*Protomyctophum thompsoni*	14
82	*Lampadena urophaos*	14
86	*Bathylagus milleri*	13
86	*Myctophum nitidulum*	13
86	*Tetragonurus cuvieri*	13
86	*Scorpaenichthys marmoratus*	13
86	*Sebastes levis*	13
91	*Icosteus aenigmaticus*	12
91	*Cubiceps pauciradiatus*	12
91	*Hygophum reinhardtii*	12
94	*Scopelosaurus* spp.	11
94	*Synodus* spp.	11
94	*Peprilus simillimus*	11
94	*Bolinichthys* spp.	11
94	*Bathophilus* spp.	11

TABLE 2. (cont.)

Rank	Taxon	Occurrences
99	*Notolepis risso*	10
99	Labridae	10
101	Ophidiiformes	9
101	*Halichoeres* spp.	9
101	*Notoscopelus resplendens*	9
101	Blennioidei	9
105	Pleuronectiformes	8
105	*Pleuronichthys decurrens*	8
105	*Psettichthys melanostictus*	8
105	Stomiiformes	8
105	*Pleuronichthys ritteri*	8
105	*Bothus* spp.	8
105	*Valenciennellus stellatus*	8
112	*Ichthyococcus* spp.	7
112	*Brosmophycis marginata*	7
112	*Brama* spp.	7
112	*Ophidion scrippsae*	7
112	*Notolychnus valdiviae*	7
112	Gonostomatidae	7
112	*Lepidopus xantusi*	7
119	*Prionotus* spp.	6
119	Ceratioidei	6
119	*Aulopus* spp.	6
119	*Coryphaena hippurus*	6
119	*Benthosema pterota*	6
119	*Platichthys stellatus*	6
119	*Benthalbella dentata*	6
119	*Zaniolepis* spp.	6
127	Osmeridae	5
127	*Xystreurys liolepis*	5
127	*Psenes pellucidus*	5
127	*Syacium ovale*	5
127	*Psenes sio*	5
127	*Tactostoma macropus*	5
127	*Aristostomias scintillans*	5
134	*Etrumeus acuminatus*	4
134	*Auxis* spp.	4
134	*Microgadus proximus*	4
134	Carangidae	4
134	*Sarda chiliensis*	4
139	*Chilara taylori*	3
139	*Scomber japonicus*	3
139	*Lepidopsetta bilineata*	3
139	*Scorpaena* spp.	3
139	*Pleuronichthys coenosus*	3
139	Atherinidae	3
139	*Isopsetta isolepis*	3
139	*Oxylebius pictus*	3
147	Gobiesocidae	2
147	Pomacentridae	2

TABLE 2. (cont.)

Rank	Taxon	Occurrences
147	*Syngnathus* spp.	2
147	*Stemonosudis macrura*	2
147	*Howella brodiei*	2
147	*Hygophum* spp.	2
147	Eutaeniophoridae	2
147	Scorpaenidae	2
147	*Chromis punctipinnis*	2
147	*Thunnus albacares*	2
147	Carapidae	2
147	*Medialuna californiensis*	2
147	*Mugil* spp.	2
147	Myctophiformes	2
147	*Loweina rara*	2
162	*Macroramphosus gracilis*	1
162	*Albula vulpes*	1
162	Lophiidae	1
162	Uranoscopidae	1
162	Antennariidae	1
162	Gadidae	1
162	*Anoplopoma fimbria*	1
162	*Eustomias* spp.	1
162	*Oxyporhamphus micropterus*	1
162	Evermannellidae	1
162	*Bathylagus longirostris*	1
162	Gerreidae	1
162	*Hypsopsetta guttulata*	1
162	Haemulidae	1
162	*Caulolatilus princeps*	1
162	*Physiculus* spp.	1
162	Microdesmidae	1
162	Bathymasteridae	1
162	*Dolichopteryx longipes*	1
162	*Seriola lalandi*	1
162	Bothidae	1
162	*Cyclopsetta* spp.	1
162	*Vinciguerria poweriae*	1
162	*Bathylychnops exilis*	1

TABLE 3. Pooled numbers of fish larvae taken during CalCOFI cruises in 1972. Counts are adjusted for percent of sample sorted and standard haul factor (see text).

Rank	Taxon	Count
1	*Engraulis mordax*	272352
2	*Merluccius productus*	81087
3	*Sebastes* spp.	50567
4	*Vinciguerria lucetia*	36959
5	*Leuroglossus stilbius*	29313
6	*Stenobrachius leucopsarus*	28905
7	*Bathylagus ochotensis*	19039
8	*Triphoturus mexicanus*	12396
9	*Tarletonbeania crenularis*	11705
10	*Diogenichthys laternatus*	9477
11	*Bathylagus wesethi*	4228
12	*Trachurus symmetricus*	4211
13	*Protomyctophum crockeri*	3915
14	*Sebastes jordani*	3541
15	*Sebastes paucispinis*	3375
16	*Citharichthys* spp.	3362
17	*Lampanyctus* spp.	3078
18	*Diaphus* spp.	2643
19	*Lampanyctus ritteri*	2394
20	Unidentified fish larva	2385
21	Disintegrated fish larva	2169
22	*Hygophum atratum*	2116
23	*Bathylagus* spp.	2052
24	*Cyclothone* spp.	1638
25	*Icichthys lockingtoni*	1376
26	Sternoptychidae	1375
27	*Melamphaes* spp.	1310
28	*Symbolophorus californiensis*	1294
29	*Bathylagus pacificus*	1109
30	*Sardinops sagax*	1100
31	*Parophrys vetulus*	1020
32	*Chauliodus macouni*	972
33	Sciaenidae	961
34	Myctophidae	957
35	*Ceratoscopelus townsendi*	927
36	*Nansenia candida*	841
37	*Sebastolobus* spp.	822
38	*Stomias atriventer*	699
39	*Diogenichthys atlanticus*	680
40	*Citharichthys stigmaeus*	641
41	Gobiidae	612
42	*Argentina sialis*	565
43	*Diplophos taenia*	523
44	*Bregmaceros* spp.	500
45	*Lyopsetta exilis*	470
46	*Synodus* spp.	454
47	Serranidae	429

TABLE 3. (cont.)

Rank	Taxon	Count
48	*Lestidiops ringens*	412
49	*Gonichthys tenuiculus*	389
50	Cottidae	374
51	Clinidae	356
52	*Paralichthys californicus*	320
53	*Symphurus* spp.	312
53	*Lampanyctus regalis*	312
55	*Danaphos oculatus*	275
56	Trachipteridae	261
57	Paralepididae	240
58	*Myctophum aurolaternatum*	226
59	*Lepidopus xantusi*	208
60	*Sebastes macdonaldi*	197
61	*Oxyjulis californica*	185
62	*Protomyctophum thompsoni*	173
63	*Nansenia crassa*	166
64	*Idiacanthus antrostomus*	159
65	*Cololabis saira*	155
65	*Hypsoblennius* spp.	155
67	*Auxis* spp.	152
68	*Halichoeres* spp.	150
69	Anguilliformes	149
69	*Microstoma microstoma*	149
71	*Peprilus simillimus*	137
72	*Glyptocephalus zachirus*	132
73	*Benthosema pterota*	127
74	Ophidiiformes	120
75	*Microstomus pacificus*	119
76	*Sebastes levis*	114
77	Agonidae	110
78	*Pleuronichthys verticalis*	109
79	*Sarda chiliensis*	99
79	*Scopelarchus* spp.	99
81	*Lampadena urophaos*	97
82	*Scopelogadus bispinosus*	95
83	Macrouridae	93
84	*Psettichthys melanostictus*	92
84	*Scopelarchoides nicholsi*	92
86	Moridae	86
87	*Bathylagus milleri*	84
87	Cyclopteridae	84
89	*Sebastes aurora*	83
90	Hexagrammidae	82
90	*Platichthys stellatus*	82
92	Blennioidei	81
93	*Hippoglossina stomata*	80
94	*Notoscopelus resplendens*	77
95	*Cubiceps pauciradiatus*	76
96	*Microgadus proximus*	75

TABLE 3. (cont.)

Rank	Taxon	Count
97	Gempylidae	74
97	*Icosteus aenigmaticus*	74
99	Chiasmodontidae	69
100	*Bathophilus* spp.	68
101	*Poromitra* spp.	67
102	*Brosmophycis marginata*	64
103	*Tetragonurus cuvieri*	63
103	*Hygophum reinhardtii*	63
103	*Pleuronichthys ritteri*	63
106	*Electrona rissoi*	61
106	*Scorpaenichthys marmoratus*	61
108	*Isopsetta isolepis*	59
108	*Rosenblattichthys volucris*	59
110	*Myctophum nitidulum*	57
111	*Bolinichthys* spp.	55
112	Osmeridae	52
112	*Notolepis risso*	52
112	Labridae	52
115	Pleuronectiformes	48
115	*Scopelosaurus* spp.	48
117	*Ophidion scrippsae*	45
118	*Scorpaena* spp.	44
119	Carangidae	40
120	*Notolychnus valdiviae*	39
121	*Pleuronichthys decurrens*	38
121	*Psenes pellucidus*	38
121	Stomiiformes	38
124	*Scomber japonicus*	35
125	*Etrumeus acuminatus*	32
126	*Chromis punctipinnis*	31
126	*Tactostoma macropus*	31
128	*Xystreurys liolepis*	30
129	*Benthalbella dentata*	29
129	*Aulopus* spp.	29
131	Gonostomatidae	28
132	*Prionotus* spp.	27
133	*Valenciennellus stellatus*	25
133	*Bothus* spp.	25
135	*Psenes sio*	24
136	*Zaniolepis* spp.	22
136	Ceratioidei	22
136	*Coryphaena hippurus*	22
136	*Brama* spp.	22
140	*Seriola lalandi*	21
140	*Ichthyococcus* spp.	21
140	*Syacium ovale*	21
140	*Chilara taylori*	21
144	*Oxylebius pictus*	19
144	*Aristostomias scintillans*	19

TABLE 3. (cont.)

Rank	Taxon	Count
144	Atherinidae	19
147	*Pleuronichthys coenosus*	18
148	Scorpaenidae	17
149	*Syngnathus* spp.	15
149	*Hygophum* spp.	15
151	Bathymasteridae	13
151	Pomacentridae	13
151	Carapidae	13
154	Gobiesocidae	11
155	Microdesmidae	10
155	*Lepidopsetta bilineata*	10
157	*Stemonosudis macrura*	9
158	*Hypsopsetta guttulata*	7
159	*Howella brodiei*	6
159	*Medialuna californiensis*	6
159	Eutaeniophoridae	6
159	*Oxyporhamphus micropterus*	6
159	*Thunnus albacares*	6
159	Gadidae	6
159	*Mugil* spp.	6
159	*Loweina rara*	6
159	Myctophiformes	6
168	Lophiidae	3
168	*Macroramphosus gracilis*	3
168	*Physiculus* spp.	3
168	*Albula vulpes*	3
168	*Cyclopsetta* spp.	3
168	Antennariidae	3
168	*Vinciguerria poweriae*	3
168	Uranoscopidae	3
168	*Anoplopoma fimbria*	3
168	*Eustomias* spp.	3
168	*Bathylagus longirostris*	3
168	Bothidae	3
168	Evermannellidae	3
168	*Dolichopteryx longipes*	3
168	Gerreidae	3
168	*Bathylychnops exilis*	3
168	*Caulolatilus princeps*	3
185	Haemulidae	2
	Total	622868

TABLE 4. Numbers of fish larvae taken on stations occupied during CalCOFI cruises in 1972. Counts are adjusted for percent of sample sorted and standard haul factor (see text). Average number is given for stations occupied twice during a single month. Unoccupied stations are indicated by a dash.

Albula vulpes

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	30.0	-	0.0	-	-	-	3.4	-	-	-	-	0.0	-

Anguilliformes

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	65.0	-	0.0	0.0	4.1	-	-	0.0	-	-	-	0.0	-
83.0	55.0	0.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
113.0	45.0	0.0	0.0	0.0	-	-	-	2.6	-	-	-	-	-
127.0	45.0	3.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
127.0	50.0	3.2	0.0	0.0	-	-	-	0.0	-	-	-	-	-
137.0	40.0	0.0	6.5	0.0	-	-	-	0.0	-	-	-	-	-
147.0	25.0	-	3.1	-	-	-	-	-	-	-	-	-	-
147.0	35.0	-	3.1	-	-	-	-	-	-	-	-	-	-
150.0	25.0	-	0.0	-	-	-	3.5	-	-	-	-	3.1	-
150.0	30.0	-	0.0	-	-	-	0.0	-	-	-	-	3.0	-
150.0	35.0	-	3.4	-	-	-	0.0	-	-	-	-	0.0	-
150.0	50.0	-	3.2	-	-	-	0.0	-	-	-	-	0.0	-
153.0	16.0	-	3.7	-	-	-	-	-	-	-	-	-	-
153.0	20.0	-	7.1	-	-	-	-	-	-	-	-	-	-
157.0	10.0	-	0.0	-	-	-	2.9	-	-	-	-	14.9	-
157.0	15.0	-	6.4	-	-	-	0.0	-	-	-	-	9.1	-
157.0	25.0	-	0.0	-	-	-	0.0	-	-	-	-	5.9	-
157.0	35.0	-	9.6	-	-	-	0.0	-	-	-	-	3.3	-
157.0	40.0	-	12.4	-	-	-	3.2	-	-	-	-	21.8	-
157.0	60.0	-	0.0	-	-	-	0.0	-	-	-	-	3.0	-

Etrumeus acuminatus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	40.0	4.2	0.0	0.0	-	-	-	0.0	-	-	-	-	-
120.0	25.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	10.6	-	-
120.0	40.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	14.6	-	-
157.0	15.0	-	0.0	-	-	-	3.0	-	-	-	-	0.0	-

Sardinops sagax

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	32.0	0.0	3.7	0.0	0.0	-	-	0.0	-	0.0	-	-	-
100.0	29.0	0.0	0.0	3.2	-	0.0	-	0.0	-	-	6.0	-	-
107.0	31.0	0.0	1.8	0.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Sardinops sagax (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	35.0	–	0.0	0.0	–	6.0	–	0.0	–	–	0.0	–	–
120.0	24.0	0.0	0.0	0.0	–	0.0	–	280.8	–	–	0.0	–	–
120.0	25.0	0.0	0.0	0.0	–	0.0	–	10.8	–	–	169.0	–	–
120.0	40.0	9.6	5.3	0.0	–	10.5	–	462.8	–	–	14.6	–	–
120.0	45.0	0.0	0.0	0.0	–	0.0	–	48.2	–	–	3.0	–	–
123.0	36.0	5.3	5.7	0.0	–	–	–	0.0	–	–	–	–	–
123.0	42.0	0.0	3.3	0.0	–	–	–	0.0	–	–	–	–	–
130.0	28.0	12.1	3.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
130.0	35.0	3.1	0.0	0.0	–	0.0	–	0.0	–	–	3.1	–	–
137.0	22.0	0.0	0.0	0.0	–	–	–	7.7	–	–	–	–	–
143.0	26.0	–	11.8	–	–	–	–	–	–	–	–	–	–
150.0	25.0	–	0.0	–	–	–	3.5	–	–	–	–	0.0	–
157.0	15.0	–	3.2	–	–	–	0.0	–	–	–	–	0.0	–
157.0	30.0	–	3.1	–	–	–	0.0	–	–	–	–	0.0	–

Engraulis mordax

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	47.0	–	0.0	–	–	0.0	–	0.0	–	–	–	29.3	–
50.0	50.0	–	0.0	–	–	0.0	–	0.0	–	–	–	17.7	–
50.0	55.0	–	0.0	–	–	0.0	–	0.0	–	–	–	2.7	–
57.0	60.0	–	–	0.0	–	–	–	130.3	–	–	–	–	–
57.0	70.0	–	–	0.0	–	–	–	169.0	–	–	–	–	–
57.0	80.0	–	–	0.0	–	–	–	135.5	–	–	–	–	–
57.0	90.0	–	–	–	–	–	–	43.7	–	–	–	–	–
60.0	52.0	–	0.0	5.0	0.0	–	–	16.5	–	–	–	6.4	–
60.0	55.0	–	0.0	0.0	0.0	–	–	25.7	–	–	–	0.0	–
60.0	60.0	–	0.0	0.0	0.0	–	–	49.9	–	–	–	0.0	–
60.0	90.0	–	–	0.0	0.0	–	–	1165.3	–	–	–	0.0	–
63.0	50.0	–	13.7	0.0	–	–	–	42.6	–	–	–	–	–
63.0	52.0	–	0.0	0.0	–	–	–	105.8	–	–	–	–	–
63.0	55.0	0.0	3.4	0.0	–	–	–	70.4	–	–	–	–	–
63.0	60.0	0.0	0.0	0.0	–	–	–	507.2	–	–	–	–	–
63.0	65.0	–	3.3	0.0	–	–	–	200.3	–	–	–	–	–
67.0	50.0	0.0	0.0	0.0	–	–	–	24.2	–	–	–	–	–
67.0	55.0	0.0	0.0	24.1	–	–	–	0.0	–	–	–	–	–
67.0	60.0	11.8	0.0	0.0	–	–	–	26.2	–	–	–	–	–
67.0	70.0	–	0.0	0.0	–	–	–	39.8	–	–	–	–	–
67.0	80.0	–	–	0.0	–	–	–	13.0	–	–	–	–	–
70.0	51.0	0.0	0.0	–	0.0	–	–	0.0	–	–	–	5.4	–
70.0	53.0	30.4	0.0	0.0	0.0	–	–	26.0	–	–	–	21.6	–
70.0	60.0	0.0	47.6	6.7	0.0	–	–	0.0	–	–	–	95.0	–
70.0	65.0	–	0.0	1.5	0.0	–	–	0.0	–	–	–	84.6	–
70.0	70.0	0.0	0.0	0.0	0.0	–	–	63.4	–	–	–	72.5	–
73.0	53.0	0.0	7.4	0.0	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	60.0	0.0	6.1	0.0	–	–	–	36.0	–	–	–	–	–
73.0	65.0	0.0	0.0	37.1	–	–	–	–	–	–	–	–	–
73.0	70.0	0.0	0.0	26.1	–	–	–	–	–	–	–	–	–
73.0	80.0	419.0	0.0	0.0	–	–	–	–	–	–	–	–	–
77.0	51.0	124.0	10.3	0.0	–	–	–	59.1	–	–	–	–	–
77.0	55.0	61.0	8.3	41.0	–	–	–	69.8	–	–	–	–	–
77.0	60.0	27.3	0.0	12.9	–	–	–	119.2	–	–	–	–	–
77.0	65.0	0.0	0.0	21.5	–	–	–	25.8	–	–	–	–	–
77.0	70.0	0.0	4.5	31.6	–	–	–	20.2	–	–	–	–	–
77.0	80.0	16.6	0.0	0.0	–	–	–	–	–	–	–	–	–
80.0	51.0	126.9	0.0	54.2	70.6	–	–	9.3	–	–	34.6	–	–
80.0	52.0	44.3	6.9	6.6	64.9	–	–	37.1	–	–	16.2	–	–
80.0	55.0	192.6	53.8	51.8	43.0	–	–	38.5	–	–	–	28.2	–
80.0	60.0	0.0	0.0	44.2	10.9	–	–	13.2	–	–	–	78.3	–
80.0	70.0	177.2	3.2	6.2	0.0	–	–	0.0	–	–	–	0.0	–
80.0	90.0	0.0	0.0	3.1	0.0	–	–	0.0	–	–	–	0.0	–
82.0	47.0	47.0	128.5	1352.5	–	–	–	23.4	–	–	–	–	–
83.0	40.0	361.4	5.1	571.2	–	–	–	15.3	–	–	–	–	–
83.0	43.0	361.4	16.4	–	–	–	–	58.6	–	–	–	–	–
83.0	51.0	49.6	173.3	740.5	–	–	–	17.4	–	–	–	–	–
83.0	55.0	128.8	564.0	278.2	–	–	–	12.0	–	–	–	–	–
83.0	60.0	0.0	17.4	0.0	–	–	–	12.9	–	–	–	–	–
83.0	70.0	4.5	0.0	15.7	–	–	–	0.0	–	–	–	–	–
83.0	80.0	70.1	0.0	0.0	–	–	–	0.0	–	–	–	–	–
87.0	33.0	0.0	55.8	483.3	–	–	–	1131.3	–	–	–	–	–
87.0	35.0	–	29.0	680.3	–	–	–	118.8	–	–	–	–	–
87.0	40.0	56.6	88.8	–	–	–	–	50.4	–	–	–	–	–
87.0	45.0	103.7	0.0	1881.6	–	–	–	176.8	–	–	–	–	–
87.0	50.0	29.7	56.8	658.3	–	–	–	–	–	–	–	–	–
87.0	55.0	0.0	38.5	13.6	–	–	–	0.0	–	–	–	–	–
87.0	60.0	0.0	2.7	3.3	–	–	–	157.9	–	–	–	–	–
87.0	70.0	–	0.0	0.0	–	–	–	3.0	–	–	–	–	–
87.0	80.0	0.0	0.0	0.0	–	–	–	2.7	–	–	–	–	–
90.0	28.0	17.8	487.7	996.2	1673.3	–	–	64.3	–	576.3	–	–	–
90.0	32.0	0.0	901.6	1734.4	5279.3	–	–	1992.3	–	2470.0	–	–	–
90.0	37.0	3.5	2528.6	833.3	1282.4	–	–	562.0	–	768.0	–	–	–
90.0	45.0	9.6	87.0	8061.3	2294.2	–	–	153.4	–	307.9	–	–	–
90.0	53.0	5.0	133.0	1776.3	330.5	–	–	438.1	–	71.3	–	–	–
90.0	60.0	0.0	31.6	203.0	959.6	–	–	0.0	–	–	–	–	–
90.0	70.0	0.0	6.9	0.0	536.3	–	–	0.0	–	0.0	–	–	–
90.0	80.0	0.0	0.0	162.5	42.3	–	–	0.0	–	0.0	–	–	–
90.0	90.0	0.0	0.0	0.0	485.0	–	–	0.0	–	0.0	–	–	–
90.0	100.0	–	–	–	3.1	–	–	–	–	0.0	–	–	–
93.0	27.0	8.3	492.5	5.8	–	–	–	2488.8	–	–	–	–	–
93.0	28.0	15.6	663.6	627.1	–	–	–	1347.8	–	–	–	–	–
93.0	30.0	64.1	84.8	302.6	–	–	–	1622.9	–	–	–	–	–

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	35.0	52.7	824.2	130.0	-	-	-	963.2	-	-	-	-	-
93.0	40.0	8.5	47.1	239.4	-	-	-	254.8	-	-	-	-	-
93.0	45.0	3.7	494.5	95.5	-	-	-	549.1	-	-	-	-	-
93.0	50.0	-	0.0	227.9	-	-	-	11.0	-	-	-	-	-
93.0	55.0	-	0.0	1788.2	-	-	-	1857.1	-	-	-	-	-
93.0	60.0	5.3	0.0	31.1	-	-	-	355.8	-	-	-	-	-
93.0	70.0	0.0	0.0	17.8	-	-	-	11.4	-	-	-	-	-
93.0	80.0	0.0	0.0	172.1	-	-	-	0.0	-	-	-	-	-
93.0	90.0	0.0	0.0	20.2	-	-	-	3.4	-	-	-	-	-
93.0	100.0	-	0.0	-	-	-	-	2.9	-	-	-	-	-
97.0	29.0	39.3	15.7	170.1	-	-	-	-	-	-	-	-	-
97.0	30.0	0.0	11.1	117.4	-	-	-	-	-	-	-	-	-
97.0	32.0	39.4	48.2	803.6	-	-	-	1664.2	-	-	-	-	-
97.0	35.0	21.1	622.0	1214.4	-	-	-	274.0	-	-	-	-	-
97.0	40.0	57.6	1713.0	323.0	-	-	-	807.0	-	-	-	-	-
97.0	45.0	24.6	131.2	3466.2	-	-	-	107.2	-	-	-	-	-
97.0	50.0	43.8	0.0	5263.9	-	-	-	35.3	-	-	-	-	-
97.0	55.0	3.3	2.9	316.5	-	-	-	10.7	-	-	-	-	-
97.0	60.0	0.0	0.0	19.7	-	-	-	36.7	-	-	-	-	-
97.0	70.0	0.0	0.0	6.5	-	-	-	6.0	-	-	-	-	-
97.0	80.0	0.0	6.0	24.8	-	-	-	0.0	-	-	-	-	-
97.0	90.0	0.0	0.0	16.5	-	-	-	0.0	-	-	-	-	-
100.0	29.0	63.9	2.9	1043.1	-	6240.0	-	0.0	-	-	6.0	-	-
100.0	30.0	14.9	12.7	1601.4	-	4221.4	-	22.3	-	-	5.7	-	-
100.0	35.0	0.0	19.1	861.8	-	2197.3	-	0.0	-	-	14.9	-	-
100.0	40.0	0.0	282.1	236.2	-	2233.9	-	0.0	-	-	6.7	-	-
100.0	50.0	0.0	3.1	305.0	-	259.1	-	0.0	-	-	7.3	-	-
100.0	60.0	0.0	0.0	12.5	-	0.0	-	0.0	-	-	0.0	-	-
100.0	70.0	0.0	0.0	51.0	-	18.1	-	0.0	-	-	0.0	-	-
100.0	80.0	0.0	0.0	154.5	-	0.0	-	0.0	-	-	0.0	-	-
100.0	90.0	0.0	3.2	8.8	-	0.0	-	0.0	-	-	0.0	-	-
103.0	29.0	2.8	128.7	560.3	-	-	-	-	-	-	-	-	-
103.0	30.0	2.6	790.0	1165.3	-	-	-	-	-	-	-	-	-
103.0	35.0	92.6	323.3	246.6	-	-	-	-	-	-	-	-	-
103.0	40.0	25.5	204.9	294.1	-	-	-	-	-	-	-	-	-
103.0	45.0	9.4	11.7	1095.1	-	-	-	0.0	-	-	-	-	-
103.0	50.0	3.2	1067.5	201.0	-	-	-	0.0	-	-	-	-	-
103.0	60.0	0.0	0.0	361.1	-	-	-	0.0	-	-	-	-	-
103.0	70.0	0.0	0.0	38.5	-	-	-	0.0	-	-	-	-	-
103.0	80.0	0.0	0.0	12.9	-	-	-	0.0	-	-	-	-	-
107.0	31.0	0.0	318.6	285.0	-	-	-	0.0	-	-	-	-	-
107.0	32.0	0.0	249.6	291.6	-	-	-	32.5	-	-	-	-	-
107.0	35.0	67.2	1967.2	1002.4	-	-	-	0.0	-	-	-	-	-
107.0	40.0	6.5	799.9	1102.1	-	-	-	143.0	-	-	-	-	-
107.0	50.0	0.0	0.0	107.2	-	-	-	10.8	-	-	-	-	-
107.0	60.0	0.0	2.7	22.6	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	32.0	10.5	16.4	398.4	-	4.9	-	0.0	-	-	0.0	-	-
110.0	35.0	-	609.0	155.6	-	489.0	-	0.0	-	-	0.0	-	-
110.0	36.0	3.3	-	-	-	-	-	-	-	-	-	-	-
110.0	40.0	6.5	4017.6	490.5	-	25.4	-	46.1	-	-	3.2	-	-
110.0	45.0	3.0	917.3	735.1	-	100.8	-	12.0	-	-	0.0	-	-
110.0	50.0	0.0	369.6	496.0	-	73.6	-	36.2	-	-	0.0	-	-
110.0	55.0	3.3	0.0	2474.2	-	87.9	-	92.8	-	-	0.0	-	-
110.0	60.0	0.0	0.0	535.8	-	173.2	-	0.0	-	-	0.0	-	-
110.0	70.0	0.0	6.1	4773.6	-	8.9	-	0.0	-	-	0.0	-	-
110.0	80.0	0.0	0.0	0.0	-	31.3	-	0.0	-	-	0.0	-	-
113.0	29.0	0.0	9.2	4.9	-	-	-	7.6	-	-	-	-	-
113.0	30.0	5.3	184.8	22.4	-	-	-	0.0	-	-	-	-	-
113.0	35.0	264.4	182.1	604.2	-	-	-	23.0	-	-	-	-	-
113.0	40.0	1093.4	220.5	1100.0	-	-	-	300.2	-	-	-	-	-
113.0	45.0	19.7	2.9	503.4	-	-	-	0.0	-	-	-	-	-
113.0	50.0	9.8	1309.8	448.5	-	-	-	0.0	-	-	-	-	-
113.0	60.0	0.0	6231.9	326.5	-	-	-	0.0	-	-	-	-	-
113.0	70.0	0.0	207.2	2079.4	-	-	-	0.0	-	-	-	-	-
113.0	80.0	0.0	0.0	70.2	-	-	-	0.0	-	-	-	-	-
117.0	25.0	0.0	0.0	16.0	-	-	-	45.8	-	-	-	-	-
117.0	26.0	0.0	10.7	119.2	-	-	-	32.3	-	-	-	-	-
117.0	30.0	5.7	13.7	413.1	-	-	-	45.4	-	-	-	-	-
117.0	35.0	8.8	311.4	330.7	-	-	-	63.6	-	-	-	-	-
117.0	40.0	1693.4	504.0	889.2	-	-	-	206.7	-	-	-	-	-
117.0	45.0	0.0	55.2	1530.6	-	-	-	394.8	-	-	-	-	-
117.0	50.0	88.8	75.3	1097.4	-	-	-	132.0	-	-	-	-	-
117.0	60.0	3.4	12.3	1406.0	-	-	-	164.1	-	-	-	-	-
117.0	70.0	0.0	256.6	6.8	-	-	-	0.0	-	-	-	-	-
117.0	80.0	0.0	38.1	1808.2	-	-	-	0.0	-	-	-	-	-
118.0	39.0	-	98.8	619.1	-	-	-	25.1	-	-	-	-	-
119.0	33.0	0.0	0.0	243.5	-	-	-	130.2	-	-	-	-	-
120.0	24.0	0.0	5.1	32.5	-	12.5	-	337.0	-	-	267.3	-	-
120.0	25.0	2.8	8.6	0.0	-	67.5	-	205.2	-	-	15.8	-	-
120.0	30.0	0.0	8.7	2516.6	-	1051.1	-	73.9	-	-	2.5	-	-
120.0	35.0	0.0	0.0	34.5	-	1622.1	-	154.9	-	-	0.0	-	-
120.0	40.0	14.3	23.8	27.8	-	421.8	-	38.8	-	-	0.0	-	-
120.0	45.0	0.0	0.0	121.0	-	3538.6	-	72.2	-	-	0.0	-	-
120.0	50.0	0.0	0.0	219.6	-	323.6	-	24.0	-	-	0.0	-	-
120.0	60.0	3.1	3.3	989.4	-	1222.8	-	2.9	-	-	0.0	-	-
120.0	70.0	0.0	3.2	485.0	-	4321.6	-	0.0	-	-	0.0	-	-
120.0	80.0	0.0	0.0	477.6	-	2.8	-	0.0	-	-	0.0	-	-
123.0	36.0	2.7	498.1	57.6	-	-	-	0.0	-	-	-	-	-
123.0	37.0	51.7	1799.2	105.7	-	-	-	0.0	-	-	-	-	-
123.0	42.0	315.0	1098.9	59.4	-	-	-	46.2	-	-	-	-	-
123.0	45.0	63.2	261.5	342.1	-	-	-	57.0	-	-	-	-	-
123.0	50.0	0.0	65.8	324.0	-	-	-	36.0	-	-	-	-	-

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	60.0	3.1	0.0	1480.5	-	-	-	0.0	-	-	-	-	-
127.0	33.0	33.0	80.9	238.1	-	-	-	0.0	-	-	-	-	-
127.0	34.0	68.4	422.1	879.8	-	-	-	0.0	-	-	-	-	-
127.0	40.0	98.3	2647.1	3130.2	-	-	-	0.0	-	-	-	-	-
127.0	45.0	243.0	328.5	4008.8	-	-	-	0.0	-	-	-	-	-
127.0	50.0	6.4	1999.9	2649.2	-	-	-	0.0	-	-	-	-	-
127.0	60.0	0.0	627.5	7788.8	-	-	-	0.0	-	-	-	-	-
130.0	28.0	33.3	98.7	321.1	-	4.7	-	0.0	-	-	7.7	-	-
130.0	30.0	174.1	21.1	1003.0	-	13.7	-	0.0	-	-	4.7	-	-
130.0	35.0	220.3	221.7	2073.4	-	430.9	-	0.0	-	-	0.0	-	-
130.0	40.0	625.1	7572.4	25.6	-	45.5	-	0.0	-	-	0.0	-	-
130.0	50.0	0.0	1428.9	5865.2	-	32.9	-	0.0	-	-	0.0	-	-
130.0	60.0	0.0	6.7	14.7	-	286.0	-	0.0	-	-	0.0	-	-
130.0	70.0	-	-	-	-	14.1	-	-	-	-	0.0	-	-
130.0	80.0	-	-	-	-	3.0	-	-	-	-	0.0	-	-
133.0	23.0	26.8	14.9	610.9	-	-	-	74.9	-	-	-	-	-
133.0	25.0	20.1	5.7	686.7	-	-	-	-	-	-	-	-	-
133.0	30.0	80.3	0.0	39.4	-	-	-	0.0	-	-	-	-	-
133.0	35.0	2981.5	0.0	6.4	-	-	-	0.0	-	-	-	-	-
133.0	40.0	5790.1	6.3	28.6	-	-	-	0.0	-	-	-	-	-
133.0	50.0	3.2	400.2	698.6	-	-	-	0.0	-	-	-	-	-
133.0	60.0	0.0	3.1	0.0	-	-	-	0.0	-	-	-	-	-
137.0	22.0	2430.6	3836.5	1142.9	-	-	-	124.9	-	-	-	-	-
137.0	23.0	656.0	6842.8	2302.9	-	-	-	79.9	-	-	-	-	-
137.0	30.0	1583.2	121.7	9.8	-	-	-	0.0	-	-	-	-	-
137.0	35.0	3.5	251.1	50.7	-	-	-	0.0	-	-	-	-	-
137.0	40.0	9.5	16.4	0.0	-	-	-	0.0	-	-	-	-	-
137.0	50.0	0.0	6.8	0.0	-	-	-	0.0	-	-	-	-	-
140.0	30.0	-	3200.4	-	-	-	7.6	-	-	-	-	0.0	-
140.0	35.0	-	60.8	-	-	-	0.0	-	-	-	-	0.0	-
140.0	40.0	-	74.4	-	-	-	0.0	-	-	-	-	0.0	-
143.0	26.0	-	94.7	-	-	-	-	-	-	-	-	-	-
143.0	35.0	-	20.3	-	-	-	-	-	-	-	-	-	-
143.0	40.0	-	6.4	-	-	-	-	-	-	-	-	-	-
147.0	25.0	-	12.4	-	-	-	-	-	-	-	-	-	-

Argentina sialis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	-	0.0	1.6	0.0	-	-	0.0	-	-	-	0.0	-
73.0	50.0	-	2.5	0.0	-	-	-	0.0	-	-	-	-	-
80.0	51.0	9.8	3.1	0.0	0.0	-	-	0.0	-	-	0.0	-	-
80.0	52.0	7.4	0.0	0.0	0.0	-	-	0.0	-	-	0.0	-	-
80.0	55.0	0.0	0.0	3.0	0.0	-	-	0.0	-	-	-	2.8	-
83.0	40.0	5.1	0.0	0.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Argentina sialis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	43.0	5.1	0.0	-	-	-	-	0.0	-	-	-	-	-
83.0	55.0	10.3	0.0	0.0	-	-	-	0.0	-	-	-	-	-
83.0	60.0	0.0	3.5	0.0	-	-	-	0.0	-	-	-	-	-
87.0	70.0	-	0.0	3.2	-	-	-	0.0	-	-	-	-	-
90.0	28.0	4.4	7.1	21.1	0.0	-	-	0.0	-	0.0	-	-	-
90.0	32.0	3.4	0.0	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	37.0	0.0	11.0	0.0	0.0	-	-	0.0	-	0.0	-	-	-
93.0	27.0	4.2	0.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0	28.0	5.2	12.5	12.5	-	-	-	0.0	-	-	-	-	-
93.0	35.0	8.8	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	29.0	0.0	2.6	0.0	-	-	-	-	-	-	-	-	-
100.0	29.0	5.6	0.0	6.4	-	9.8	-	10.2	-	-	3.0	-	-
100.0	30.0	8.9	6.4	17.0	-	0.0	-	0.0	-	-	2.8	-	-
107.0	32.0	12.0	0.0	0.0	-	-	-	10.8	-	-	-	-	-
107.0	35.0	16.8	3.4	0.0	-	-	-	0.0	-	-	-	-	-
107.0	40.0	0.0	2.6	0.0	-	-	-	0.0	-	-	-	-	-
107.0	60.0	0.0	0.0	0.0	-	-	-	11.5	-	-	-	-	-
110.0	35.0	-	3.3	0.0	-	0.0	-	32.9	-	-	0.0	-	-
110.0	36.0	3.3	-	-	-	-	-	-	-	-	-	-	-
110.0	40.0	3.3	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
117.0	30.0	0.0	0.0	0.0	-	-	-	22.7	-	-	-	-	-
117.0	35.0	8.8	5.6	25.0	-	-	-	0.0	-	-	-	-	-
117.0	40.0	3.4	0.0	0.0	-	-	-	0.0	-	-	-	-	-
118.0	39.0	-	18.3	51.3	-	-	-	0.0	-	-	-	-	-
119.0	33.0	0.0	0.0	0.0	-	-	-	11.8	-	-	-	-	-
120.0	45.0	0.0	0.0	0.0	-	57.2	-	0.0	-	-	0.0	-	-
130.0	35.0	0.0	23.9	6.5	-	0.0	-	0.0	-	-	0.0	-	-
133.0	30.0	0.0	0.0	9.1	-	-	-	0.0	-	-	-	-	-

Microstoma microstoma

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	100.0	-	-	-	-	0.0	-	-	-	-	-	3.1	-
63.0	70.0	-	0.0	1.6	-	-	-	0.0	-	-	-	-	-
63.0	90.0	-	-	6.3	-	-	-	0.0	-	-	-	-	-
70.0	80.0	0.0	3.5	0.0	0.0	-	-	0.0	-	-	-	0.0	-
73.0	65.0	0.0	6.4	0.0	-	-	-	-	-	-	-	-	-
77.0	51.0	0.0	0.0	0.0	-	-	-	8.4	-	-	-	-	-
77.0	55.0	3.4	0.0	5.9	-	-	-	0.0	-	-	-	-	-
77.0	70.0	0.0	0.0	1.8	-	-	-	0.0	-	-	-	-	-
77.0	80.0	0.0	3.8	0.0	-	-	-	-	-	-	-	-	-
80.0	60.0	0.0	0.0	0.0	0.0	-	-	13.2	-	-	-	0.0	-
80.0	90.0	0.0	0.0	0.0	0.0	-	-	3.8	-	-	-	3.1	-
83.0	60.0	0.0	0.0	2.9	-	-	-	0.0	-	-	-	-	-
87.0	60.0	0.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Microstoma microstoma (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	70.0	–	0.0	3.2	–	–	–	0.0	–	–	–	–	–
90.0	60.0	0.0	0.0	0.0	0.0	–	–	3.8	–	–	–	–	–
90.0	70.0	0.0	0.0	0.0	3.0	–	–	3.5	–	0.0	–	–	–
90.0	80.0	0.0	0.0	0.0	0.0	–	–	2.9	–	0.0	–	–	–
90.0	90.0	0.0	0.0	0.0	3.4	–	–	0.0	–	0.0	–	–	–
93.0	50.0	–	0.0	0.0	–	–	–	11.0	–	–	–	–	–
93.0	60.0	0.0	3.1	0.0	–	–	–	0.0	–	–	–	–	–
93.0	70.0	0.0	0.0	3.0	–	–	–	2.8	–	–	–	–	–
97.0	80.0	0.0	0.0	0.0	–	–	–	2.6	–	–	–	–	–
100.0	50.0	2.7	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	60.0	3.4	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	70.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–
100.0	80.0	0.0	0.0	3.0	–	0.0	–	0.0	–	–	0.0	–	–
103.0	50.0	3.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–
103.0	70.0	0.0	0.0	3.2	–	–	–	0.0	–	–	–	–	–
110.0	32.0	0.0	0.0	2.3	–	0.0	–	0.0	–	–	0.0	–	–

Nansenia candida

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	50.0	–	14.6	–	–	0.0	–	–	–	–	0.0	–	–
40.0	60.0	–	17.8	–	–	0.0	–	–	–	–	0.0	–	–
43.0	50.0	–	12.7	–	–	–	–	0.0	–	–	–	–	–
43.0	60.0	–	36.7	–	–	–	–	0.0	–	–	–	–	–
47.0	65.0	–	11.0	–	–	–	–	0.0	–	–	–	–	–
47.0	70.0	–	169.0	–	–	–	–	0.0	–	–	–	–	–
47.0	80.0	–	150.4	–	–	–	–	0.0	–	–	–	–	–
50.0	60.0	–	13.1	–	–	0.0	–	0.0	–	–	–	0.0	–
50.0	65.0	–	24.5	–	–	0.0	–	0.0	–	–	–	0.0	–
50.0	70.0	–	24.4	–	–	0.0	–	0.0	–	–	–	0.0	–
50.0	90.0	–	27.0	–	–	0.0	–	0.0	–	–	–	0.0	–
50.0	120.0	–	–	–	–	3.2	–	–	–	–	–	0.0	–
57.0	80.0	–	–	12.7	–	–	–	0.0	–	–	–	–	–
60.0	70.0	–	0.0	8.2	0.0	–	–	0.0	–	–	–	0.0	–
60.0	80.0	–	–	28.8	0.0	–	–	0.0	–	–	–	0.0	–
63.0	60.0	0.0	3.3	0.0	–	–	–	0.0	–	–	–	–	–
63.0	80.0	–	–	15.2	–	–	–	0.0	–	–	–	–	–
63.0	90.0	–	–	9.4	–	–	–	0.0	–	–	–	–	–
67.0	80.0	–	–	11.8	–	–	–	0.0	–	–	–	–	–
67.0	90.0	–	–	1.5	–	–	–	0.0	–	–	–	–	–
70.0	60.0	6.3	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–
70.0	65.0	–	3.4	0.0	0.0	–	–	0.0	–	–	–	0.0	–
70.0	90.0	6.4	3.1	0.0	0.0	–	–	0.0	–	–	–	0.0	–
73.0	53.0	0.0	0.0	1.6	–	–	–	0.0	–	–	–	–	–
73.0	60.0	3.5	0.0	0.0	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Nansenia candida (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	70.0	17.1	4.1	7.0	–	–	–	–	–	–	–	–	–
73.0	80.0	27.2	0.0	3.2	–	–	–	–	–	–	–	–	–
77.0	51.0	0.0	0.0	6.3	–	–	–	0.0	–	–	–	–	–
77.0	80.0	0.0	3.8	0.0	–	–	–	–	–	–	–	–	–
83.0	60.0	0.0	0.0	0.0	–	–	–	12.9	–	–	–	–	–
87.0	70.0	–	0.0	6.5	–	–	–	0.0	–	–	–	–	–
87.0	80.0	0.0	0.0	18.4	–	–	–	0.0	–	–	–	–	–
87.0	90.0	–	0.0	9.3	–	–	–	0.0	–	–	–	–	–
90.0	100.0	–	–	–	6.3	–	–	–	–	0.0	–	–	–
100.0	60.0	0.0	0.0	0.0	–	3.0	–	0.0	–	–	0.0	–	–
100.0	80.0	0.0	0.0	0.0	–	3.3	–	0.0	–	–	0.0	–	–

Nansenia crassa

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	50.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.7	–	–
107.0	35.0	0.0	3.4	0.0	–	–	–	0.0	–	–	–	–	–
107.0	80.0	0.0	3.0	0.0	–	–	–	2.9	–	–	–	–	–
110.0	36.0	3.3	–	–	–	–	–	–	–	–	–	–	–
110.0	50.0	0.0	0.0	0.0	–	0.0	–	12.1	–	–	0.0	–	–
110.0	55.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	6.4	–	–
110.0	70.0	0.0	0.0	3.1	–	0.0	–	0.0	–	–	0.0	–	–
113.0	60.0	0.0	0.0	0.0	–	–	–	2.5	–	–	–	–	–
117.0	40.0	3.4	0.0	0.0	–	–	–	0.0	–	–	–	–	–
117.0	70.0	3.3	0.0	0.0	–	–	–	2.8	–	–	–	–	–
120.0	45.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–
127.0	60.0	0.0	0.0	0.0	–	–	–	2.8	–	–	–	–	–
130.0	35.0	3.1	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
130.0	50.0	3.0	0.0	0.0	–	3.0	–	0.0	–	–	0.0	–	–
130.0	60.0	3.3	0.0	0.0	–	6.0	–	0.0	–	–	0.0	–	–
130.0	70.0	–	–	–	–	2.8	–	–	–	–	2.9	–	–
133.0	30.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
133.0	40.0	6.8	0.0	0.0	–	–	–	0.0	–	–	–	–	–
133.0	50.0	0.0	6.6	0.0	–	–	–	0.0	–	–	–	–	–
133.0	60.0	0.0	3.1	3.3	–	–	–	3.1	–	–	–	–	–
137.0	35.0	0.0	3.1	0.0	–	–	–	0.0	–	–	–	–	–
137.0	50.0	0.0	0.0	0.0	–	–	–	24.5	–	–	–	–	–
140.0	40.0	–	3.4	–	–	–	0.0	–	–	–	–	0.0	–
140.0	45.0	–	0.0	–	–	–	2.9	–	–	–	–	3.0	–
140.0	60.0	–	0.0	–	–	–	3.1	–	–	–	–	0.0	–
140.0	80.0	–	–	–	–	–	6.1	–	–	–	–	2.9	–
140.0	100.0	–	–	–	–	0.0	–	–	–	–	–	3.0	–
150.0	25.0	–	0.0	–	–	–	0.0	–	–	–	–	3.1	–
150.0	100.0	–	–	–	–	–	0.0	–	–	–	–	2.9	–
153.0	60.0	–	3.0	–	–	–	–	–	–	–	–	–	–

TABLE 4. (cont.)

Bathylagus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	55.0	–	81.4	–	–	0.0	–	–	–	–	0.0	–	–
40.0	65.0	–	9.0	–	–	0.0	–	–	–	–	0.0	–	–
43.0	50.0	–	25.4	–	–	–	–	0.0	–	–	–	–	–
43.0	55.0	–	13.4	–	–	–	–	0.0	–	–	–	–	–
47.0	50.0	–	10.8	–	–	–	–	0.0	–	–	–	–	–
47.0	70.0	–	42.2	–	–	–	–	0.0	–	–	–	–	–
50.0	55.0	–	40.4	–	–	0.0	–	0.0	–	–	–	2.7	–
50.0	120.0	–	–	–	–	6.4	–	–	–	–	–	0.0	–
60.0	60.0	–	0.0	1.8	0.0	–	–	0.0	–	–	–	0.0	–
60.0	65.0	–	0.0	0.0	0.0	–	–	26.1	–	–	–	0.0	–
60.0	70.0	–	0.0	5.1	0.0	–	–	0.0	–	–	–	0.0	–
60.0	90.0	–	–	4.7	0.0	–	–	0.0	–	–	–	0.0	–
63.0	52.0	–	3.7	0.0	–	–	–	0.0	–	–	–	–	–
63.0	60.0	0.0	0.0	3.1	–	–	–	0.0	–	–	–	–	–
63.0	65.0	–	10.0	0.0	–	–	–	0.0	–	–	–	–	–
63.0	70.0	–	0.0	20.7	–	–	–	0.0	–	–	–	–	–
63.0	80.0	–	–	6.0	–	–	–	0.0	–	–	–	–	–
63.0	90.0	–	–	18.8	–	–	–	6.9	–	–	–	–	–
67.0	60.0	0.0	0.0	1.9	–	–	–	0.0	–	–	–	–	–
67.0	65.0	–	0.0	1.6	–	–	–	0.0	–	–	–	–	–
67.0	70.0	–	0.0	1.6	–	–	–	0.0	–	–	–	–	–
67.0	80.0	–	–	3.2	–	–	–	0.0	–	–	–	–	–
70.0	53.0	3.4	5.8	14.7	0.0	–	–	0.0	–	–	–	0.0	–
70.0	55.0	–	–	12.6	–	–	–	–	–	–	–	–	–
70.0	60.0	18.9	0.0	41.5	0.0	–	–	0.0	–	–	–	0.0	–
70.0	65.0	–	37.5	15.3	0.0	–	–	0.0	–	–	–	0.0	–
70.0	70.0	26.2	3.9	1.6	0.0	–	–	0.0	–	–	–	0.0	–
70.0	80.0	10.5	0.0	1.7	0.0	–	–	0.0	–	–	–	0.0	–
70.0	90.0	16.0	0.0	0.0	0.0	–	–	2.7	–	–	–	0.0	–
73.0	53.0	15.5	0.0	8.0	–	–	–	0.0	–	–	–	–	–
73.0	60.0	66.9	33.8	0.0	–	–	–	0.0	–	–	–	–	–
73.0	65.0	10.6	57.2	4.6	–	–	–	–	–	–	–	–	–
73.0	70.0	68.2	37.3	11.4	–	–	–	–	–	–	–	–	–
73.0	80.0	77.6	0.0	8.1	–	–	–	–	–	–	–	–	–
73.0	90.0	7.4	0.0	0.0	–	–	–	–	–	–	–	–	–
77.0	48.0	0.0	0.0	3.1	–	–	–	0.0	–	–	–	–	–
77.0	51.0	27.9	0.0	3.2	–	–	–	0.0	–	–	–	–	–
77.0	55.0	47.5	4.2	27.4	–	–	–	0.0	–	–	–	–	–
77.0	60.0	0.0	16.4	68.0	–	–	–	0.0	–	–	–	–	–
77.0	65.0	16.5	22.2	0.0	–	–	–	0.0	–	–	–	–	–
77.0	70.0	0.0	0.0	7.0	–	–	–	0.0	–	–	–	–	–
77.0	80.0	11.1	0.0	0.0	–	–	–	–	–	–	–	–	–
77.0	90.0	0.0	–	6.6	–	–	–	–	–	–	–	–	–
80.0	52.0	0.0	0.0	3.3	0.0	–	–	0.0	–	–	0.0	–	–
80.0	60.0	3.8	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–
80.0	80.0	9.9	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–

TABLE 4. (cont.)

Bathylagus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	90.0	0.0	16.4	9.2	0.0	–	–	0.0	–	–	–	0.0	–
83.0	40.0	0.0	10.1	0.0	–	–	–	0.0	–	–	–	–	–
83.0	43.0	0.0	3.3	–	–	–	–	0.0	–	–	–	–	–
83.0	55.0	0.0	16.3	0.0	–	–	–	0.0	–	–	–	–	–
83.0	60.0	14.0	0.0	0.0	–	–	–	0.0	–	–	–	–	–
83.0	70.0	13.6	0.0	6.3	–	–	–	0.0	–	–	–	–	–
83.0	80.0	0.0	0.0	5.9	–	–	–	0.0	–	–	–	–	–
83.0	90.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
87.0	40.0	7.1	0.0	–	–	–	–	0.0	–	–	–	–	–
87.0	55.0	8.2	44.9	3.4	–	–	–	0.0	–	–	–	–	–
87.0	60.0	0.0	2.7	33.1	–	–	–	0.0	–	–	–	–	–
87.0	90.0	–	0.0	6.2	–	–	–	0.0	–	–	–	–	–
90.0	28.0	0.0	24.9	0.0	0.0	–	–	0.0	–	0.0	–	–	–
90.0	32.0	0.0	0.0	9.6	0.0	–	–	0.0	–	0.0	–	–	–
90.0	45.0	0.0	38.3	0.0	0.0	–	–	0.0	–	0.0	–	–	–
90.0	53.0	0.0	0.0	3.1	0.0	–	–	0.0	–	0.0	–	–	–
90.0	60.0	0.0	9.5	2.9	0.0	–	–	0.0	–	–	–	–	–
93.0	28.0	0.0	9.4	12.5	–	–	–	0.0	–	–	–	–	–
93.0	30.0	2.7	0.0	0.0	–	–	–	0.0	–	–	–	–	–
93.0	45.0	3.7	0.0	0.0	–	–	–	0.0	–	–	–	–	–
93.0	50.0	–	0.0	3.2	–	–	–	0.0	–	–	–	–	–
93.0	60.0	0.0	0.0	9.3	–	–	–	0.0	–	–	–	–	–
97.0	50.0	6.3	0.0	0.0	–	–	–	0.0	–	–	–	–	–
97.0	55.0	20.0	0.0	0.0	–	–	–	0.0	–	–	–	–	–
97.0	60.0	0.0	0.0	8.4	–	–	–	0.0	–	–	–	–	–
97.0	70.0	0.0	0.0	3.3	–	–	–	0.0	–	–	–	–	–
100.0	30.0	3.0	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	40.0	0.0	34.4	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	70.0	0.0	0.0	3.2	–	0.0	–	0.0	–	–	0.0	–	–
100.0	90.0	0.0	0.0	2.9	–	0.0	–	0.0	–	–	0.0	–	–
103.0	35.0	24.0	3.2	0.0	–	–	–	–	–	–	–	–	–
103.0	40.0	16.0	0.0	0.0	–	–	–	–	–	–	–	–	–
103.0	45.0	3.1	0.0	0.0	–	–	–	0.0	–	–	–	–	–
107.0	31.0	5.2	0.0	8.6	–	–	–	0.0	–	–	–	–	–
107.0	32.0	9.0	0.0	0.0	–	–	–	0.0	–	–	–	–	–
107.0	35.0	6.7	0.0	0.0	–	–	–	0.0	–	–	–	–	–
107.0	40.0	0.0	5.3	0.0	–	–	–	0.0	–	–	–	–	–
107.0	60.0	0.0	0.0	3.2	–	–	–	0.0	–	–	–	–	–
127.0	45.0	6.0	0.0	0.0	–	–	–	0.0	–	–	–	–	–
130.0	40.0	0.0	3.2	0.0	–	0.0	–	0.0	–	–	0.0	–	–
133.0	30.0	0.0	0.0	9.1	–	–	–	0.0	–	–	–	–	–
150.0	19.0	–	3.4	–	–	–	0.0	–	–	–	–	0.0	–

TABLE 4. (cont.)

Bathylagus longirostris

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	180.0	–	–	–	–	–	–	–	–	–	–	2.9	–

Bathylagus milleri

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	40.0	–	0.0	–	–	0.0	–	–	–	–	3.3	–	–
40.0	45.0	–	18.1	–	–	0.0	–	–	–	–	0.0	–	–
57.0	70.0	–	–	0.0	–	–	–	13.0	–	–	–	–	–
63.0	60.0	0.0	0.0	7.1	–	–	–	0.0	–	–	–	–	–
67.0	50.0	0.0	0.0	3.3	–	–	–	0.0	–	–	–	–	–
70.0	65.0	–	0.0	0.0	0.0	–	–	0.0	–	–	–	2.7	–
70.0	70.0	0.0	3.9	0.0	0.0	–	–	0.0	–	–	–	0.0	–
70.0	90.0	3.2	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–
77.0	55.0	0.0	4.2	0.0	–	–	–	0.0	–	–	–	–	–
77.0	65.0	0.0	0.0	1.6	–	–	–	0.0	–	–	–	–	–
80.0	80.0	0.0	0.0	0.0	4.2	–	–	0.0	–	–	–	0.0	–
83.0	90.0	3.4	0.0	0.0	–	–	–	0.0	–	–	–	–	–
93.0	80.0	0.0	3.4	0.0	–	–	–	0.0	–	–	–	–	–

Bathylagus ochotensis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	40.0	–	0.0	–	–	3.5	–	–	–	–	0.0	–	–
40.0	45.0	–	181.2	–	–	0.0	–	–	–	–	0.0	–	–
40.0	50.0	–	248.2	–	–	0.0	–	–	–	–	0.0	–	–
40.0	55.0	–	284.8	–	–	13.0	–	–	–	–	0.0	–	–
40.0	60.0	–	62.2	–	–	7.1	–	–	–	–	0.0	–	–
40.0	65.0	–	54.0	–	–	7.3	–	–	–	–	0.0	–	–
40.0	70.0	–	–	–	–	0.0	–	–	–	–	11.8	–	–
40.0	80.0	–	–	–	–	20.9	–	–	–	–	0.0	–	–
43.0	42.0	–	12.1	–	–	–	–	0.0	–	–	–	–	–
43.0	50.0	–	76.1	–	–	–	–	0.0	–	–	–	–	–
43.0	55.0	–	40.3	–	–	–	–	0.0	–	–	–	–	–
43.0	60.0	–	146.9	–	–	–	–	0.0	–	–	–	–	–
43.0	65.0	–	327.0	–	–	–	–	0.0	–	–	–	–	–
43.0	70.0	–	159.4	–	–	–	–	0.0	–	–	–	–	–
47.0	50.0	–	290.5	–	–	–	–	0.0	–	–	–	–	–
47.0	55.0	–	94.4	–	–	–	–	0.0	–	–	–	–	–
47.0	65.0	–	187.7	–	–	–	–	0.0	–	–	–	–	–
47.0	70.0	–	323.8	–	–	–	–	0.0	–	–	–	–	–
47.0	80.0	–	195.5	–	–	–	–	0.0	–	–	–	–	–
50.0	47.0	–	0.0	–	–	3.0	–	0.0	–	–	–	2.9	–
50.0	50.0	–	15.5	–	–	0.0	–	0.0	–	–	–	0.0	–
50.0	55.0	–	40.4	–	–	0.0	–	0.0	–	–	–	0.0	–

TABLE 4. (cont.)

Bathylagus ochotensis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	60.0	-	39.2	-	-	8.8	-	0.0	-	-	-	3.2	-
50.0	65.0	-	85.7	-	-	0.0	-	0.0	-	-	-	0.0	-
50.0	70.0	-	195.2	-	-	0.0	-	0.0	-	-	-	0.0	-
50.0	80.0	-	62.0	-	-	5.9	-	0.0	-	-	-	0.0	-
50.0	90.0	-	67.6	-	-	0.0	-	0.0	-	-	-	0.0	-
50.0	120.0	-	-	-	-	3.2	-	-	-	-	-	0.0	-
53.0	60.0	-	-	59.4	-	-	-	0.0	-	-	-	-	-
53.0	65.0	-	-	60.8	-	-	-	0.0	-	-	-	-	-
53.0	70.0	-	-	116.8	-	-	-	0.0	-	-	-	-	-
53.0	80.0	-	-	265.9	-	-	-	11.5	-	-	-	-	-
57.0	55.0	-	-	157.6	-	-	-	0.0	-	-	-	-	-
57.0	60.0	-	-	15.7	-	-	-	0.0	-	-	-	-	-
57.0	70.0	-	-	117.8	-	-	-	0.0	-	-	-	-	-
57.0	80.0	-	-	76.1	-	-	-	12.3	-	-	-	-	-
60.0	55.0	-	0.0	0.0	0.0	-	-	0.0	-	-	-	4.9	-
60.0	60.0	-	101.1	85.9	3.9	-	-	0.0	-	-	-	6.4	-
60.0	65.0	-	23.3	91.4	4.1	-	-	13.0	-	-	-	0.0	-
60.0	70.0	-	46.6	169.1	3.2	-	-	12.7	-	-	-	0.0	-
60.0	80.0	-	-	255.4	23.1	-	-	0.0	-	-	-	0.0	-
60.0	90.0	-	-	99.3	13.6	-	-	0.0	-	-	-	2.8	-
63.0	52.0	-	3.7	0.0	-	-	-	0.0	-	-	-	-	-
63.0	55.0	2.9	31.0	6.6	-	-	-	0.0	-	-	-	-	-
63.0	60.0	6.0	16.3	96.7	-	-	-	0.0	-	-	-	-	-
63.0	65.0	-	129.9	17.1	-	-	-	0.0	-	-	-	-	-
63.0	70.0	-	9.5	76.2	-	-	-	0.0	-	-	-	-	-
63.0	80.0	-	-	41.5	-	-	-	0.0	-	-	-	-	-
63.0	90.0	-	-	18.7	-	-	-	0.0	-	-	-	-	-
67.0	48.0	-	18.5	0.0	-	-	-	0.0	-	-	-	-	-
67.0	50.0	2.8	134.5	13.5	-	-	-	0.0	-	-	-	-	-
67.0	55.0	10.3	22.9	160.8	-	-	-	0.0	-	-	-	-	-
67.0	60.0	73.8	122.2	201.3	-	-	-	0.0	-	-	-	-	-
67.0	65.0	-	36.7	78.4	-	-	-	0.0	-	-	-	-	-
67.0	70.0	-	55.6	60.8	-	-	-	0.0	-	-	-	-	-
67.0	80.0	-	-	44.7	-	-	-	0.0	-	-	-	-	-
67.0	90.0	-	-	118.2	-	-	-	0.0	-	-	-	-	-
70.0	51.0	21.9	14.9	-	12.5	-	-	0.0	-	-	-	0.0	-
70.0	53.0	23.7	61.3	97.9	9.2	-	-	0.0	-	-	-	8.1	-
70.0	55.0	-	-	37.9	-	-	-	-	-	-	-	-	-
70.0	60.0	94.5	84.2	71.9	3.2	-	-	0.0	-	-	-	11.5	-
70.0	65.0	-	235.3	72.8	0.0	-	-	0.0	-	-	-	13.7	-
70.0	70.0	101.0	121.5	390.1	5.2	-	-	0.0	-	-	-	0.0	-
70.0	80.0	56.2	41.6	58.2	54.3	-	-	0.0	-	-	-	2.8	-
70.0	90.0	47.9	46.5	77.9	0.0	-	-	2.7	-	-	-	0.0	-
73.0	50.0	-	17.3	36.6	-	-	-	0.0	-	-	-	-	-
73.0	53.0	34.2	29.7	84.2	-	-	-	0.0	-	-	-	-	-
73.0	60.0	161.9	104.4	391.1	-	-	-	27.0	-	-	-	-	-

TABLE 4. (cont.)

Bathylagus ochotensis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	65.0	42.4	73.1	33.6	–	–	–	–	–	–	–	–	–
73.0	70.0	102.3	91.1	84.9	–	–	–	–	–	–	–	–	–
73.0	80.0	357.0	6.0	143.9	–	–	–	–	–	–	–	–	–
73.0	90.0	22.3	64.6	101.9	–	–	–	–	–	–	–	–	–
77.0	48.0	0.0	3.5	12.4	–	–	–	0.0	–	–	–	–	–
77.0	51.0	18.6	27.4	41.3	–	–	–	0.0	–	–	–	–	–
77.0	55.0	3.4	103.8	45.8	–	–	–	11.6	–	–	–	–	–
77.0	60.0	51.2	49.2	88.2	–	–	–	0.0	–	–	–	–	–
77.0	65.0	69.5	85.6	120.6	–	–	–	0.0	–	–	–	–	–
77.0	70.0	233.8	63.6	211.9	–	–	–	0.0	–	–	–	–	–
77.0	80.0	232.7	71.8	64.1	–	–	–	–	–	–	–	–	–
77.0	90.0	56.0	–	50.5	–	–	–	–	–	–	–	–	–
80.0	51.0	0.0	15.7	0.0	3.5	–	–	0.0	–	–	0.0	–	–
80.0	52.0	73.8	103.8	0.0	0.0	–	–	0.0	–	–	0.0	–	–
80.0	55.0	5.3	6.7	0.0	3.3	–	–	0.0	–	–	–	0.0	–
80.0	60.0	64.1	0.0	19.0	0.0	–	–	0.0	–	–	–	3.1	–
80.0	70.0	18.9	346.5	64.7	39.8	–	–	0.0	–	–	–	0.0	–
80.0	80.0	69.1	37.2	158.3	12.7	–	–	0.0	–	–	–	0.0	–
80.0	90.0	21.2	94.3	33.7	56.6	–	–	0.0	–	–	–	0.0	–
82.0	47.0	0.0	4.8	0.0	–	–	–	0.0	–	–	–	–	–
83.0	40.0	0.0	1.7	0.0	–	–	–	0.0	–	–	–	–	–
83.0	51.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
83.0	55.0	10.3	78.2	5.9	–	–	–	0.0	–	–	–	–	–
83.0	60.0	0.0	10.4	11.6	–	–	–	0.0	–	–	–	–	–
83.0	70.0	22.7	6.9	81.4	–	–	–	0.0	–	–	–	–	–
83.0	80.0	3.7	21.8	77.2	–	–	–	0.0	–	–	–	–	–
83.0	90.0	17.1	18.9	121.4	–	–	–	0.0	–	–	–	–	–
87.0	35.0	–	0.0	6.0	–	–	–	0.0	–	–	–	–	–
87.0	40.0	7.1	0.0	–	–	–	–	0.0	–	–	–	–	–
87.0	45.0	36.6	0.0	0.0	–	–	–	0.0	–	–	–	–	–
87.0	50.0	16.2	4.0	3.2	–	–	–	–	–	–	–	–	–
87.0	55.0	16.5	48.2	0.0	–	–	–	0.0	–	–	–	–	–
87.0	60.0	0.0	5.4	13.2	–	–	–	0.0	–	–	–	–	–
87.0	70.0	–	0.0	6.5	–	–	–	0.0	–	–	–	–	–
87.0	80.0	3.5	10.3	3.1	–	–	–	0.0	–	–	–	–	–
87.0	90.0	–	3.1	6.2	–	–	–	0.0	–	–	–	–	–
90.0	28.0	17.8	42.7	0.0	0.0	–	–	0.0	–	0.0	–	–	–
90.0	32.0	0.0	36.5	3.2	0.0	–	–	0.0	–	0.0	–	–	–
90.0	37.0	3.5	25.7	3.2	0.0	–	–	0.0	–	0.0	–	–	–
90.0	45.0	22.3	38.3	3.2	0.0	–	–	0.0	–	0.0	–	–	–
90.0	53.0	9.9	3.5	6.2	0.0	–	–	0.0	–	0.0	–	–	–
90.0	60.0	0.0	12.6	5.8	3.0	–	–	0.0	–	–	–	–	–
90.0	70.0	6.5	17.1	9.7	0.0	–	–	3.5	–	0.0	–	–	–
90.0	80.0	0.0	0.0	9.0	0.0	–	–	0.0	–	0.0	–	–	–
90.0	90.0	0.0	0.0	9.5	0.0	–	–	0.0	–	0.0	–	–	–
93.0	27.0	0.0	4.6	0.0	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Bathylagus ochotensis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	28.0	7.8	34.4	0.0	-	-	-	0.0	-	-	-	-	-
93.0	30.0	16.0	6.1	0.0	-	-	-	0.0	-	-	-	-	-
93.0	35.0	23.4	0.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0	40.0	8.5	3.1	0.0	-	-	-	0.0	-	-	-	-	-
93.0	45.0	11.2	0.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0	50.0	-	4.3	0.0	-	-	-	0.0	-	-	-	-	-
93.0	55.0	-	12.9	0.0	-	-	-	0.0	-	-	-	-	-
93.0	60.0	21.0	34.5	0.0	-	-	-	0.0	-	-	-	-	-
93.0	70.0	0.0	0.0	5.9	-	-	-	0.0	-	-	-	-	-
93.0	80.0	0.0	0.0	21.1	-	-	-	0.0	-	-	-	-	-
93.0	90.0	0.0	0.0	3.4	-	-	-	0.0	-	-	-	-	-
97.0	29.0	2.8	0.0	0.0	-	-	-	-	-	-	-	-	-
97.0	32.0	4.9	6.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	40.0	3.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	50.0	0.0	0.0	6.7	-	-	-	0.0	-	-	-	-	-
97.0	55.0	13.3	8.8	3.4	-	-	-	0.0	-	-	-	-	-
97.0	60.0	0.0	2.8	0.0	-	-	-	0.0	-	-	-	-	-
97.0	70.0	0.0	5.4	0.0	-	-	-	0.0	-	-	-	-	-
97.0	80.0	0.0	26.9	38.6	-	-	-	0.0	-	-	-	-	-
97.0	90.0	0.0	2.7	3.3	-	-	-	0.0	-	-	-	-	-
100.0	30.0	0.0	0.0	0.0	-	6.6	-	0.0	-	-	0.0	-	-
100.0	35.0	13.7	3.2	3.4	-	0.0	-	0.0	-	-	0.0	-	-
100.0	40.0	0.0	3.4	0.0	-	0.0	-	0.0	-	-	0.0	-	-
100.0	50.0	2.7	3.1	0.0	-	0.0	-	0.0	-	-	0.0	-	-
100.0	60.0	16.9	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
100.0	70.0	0.0	0.0	12.8	-	9.1	-	0.0	-	-	0.0	-	-
100.0	80.0	0.0	0.0	3.0	-	0.0	-	0.0	-	-	0.0	-	-
100.0	90.0	0.0	0.0	2.9	-	0.0	-	0.0	-	-	0.0	-	-
103.0	30.0	0.0	0.0	2.2	-	-	-	-	-	-	-	-	-
103.0	35.0	13.7	3.2	7.4	-	-	-	-	-	-	-	-	-
103.0	40.0	6.4	0.0	0.0	-	-	-	-	-	-	-	-	-
103.0	50.0	0.0	6.1	0.0	-	-	-	0.0	-	-	-	-	-
103.0	60.0	0.0	0.0	11.8	-	-	-	0.0	-	-	-	-	-
103.0	70.0	0.0	0.0	6.4	-	-	-	0.0	-	-	-	-	-
107.0	32.0	9.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	35.0	6.7	0.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	40.0	6.5	0.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	50.0	0.0	3.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	70.0	0.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
110.0	35.0	-	0.0	3.3	-	3.0	-	0.0	-	-	0.0	-	-
110.0	36.0	3.3	-	-	-	-	-	-	-	-	-	-	-
110.0	40.0	3.3	6.5	0.0	-	0.0	-	0.0	-	-	0.0	-	-
110.0	45.0	0.0	3.2	0.0	-	3.4	-	0.0	-	-	0.0	-	-
110.0	50.0	6.1	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
117.0	35.0	2.9	0.0	0.0	-	-	-	0.0	-	-	-	-	-
117.0	40.0	3.4	0.0	0.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Bathylagus ochotensis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	60.0	0.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-

Bathylagus pacificus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	40.0	-	10.2	-	-	3.5	-	-	-	-	0.0	-	-
40.0	50.0	-	14.6	-	-	0.0	-	-	-	-	0.0	-	-
40.0	55.0	-	13.6	-	-	3.3	-	-	-	-	0.0	-	-
40.0	80.0	-	-	-	-	7.0	-	-	-	-	0.0	-	-
43.0	65.0	-	11.7	-	-	-	-	0.0	-	-	-	-	-
47.0	50.0	-	53.8	-	-	-	-	0.0	-	-	-	-	-
47.0	60.0	-	126.3	-	-	-	-	0.0	-	-	-	-	-
50.0	55.0	-	13.5	-	-	0.0	-	0.0	-	-	-	0.0	-
50.0	60.0	-	26.2	-	-	0.0	-	0.0	-	-	-	0.0	-
53.0	55.0	-	-	13.3	-	-	-	0.0	-	-	-	-	-
53.0	70.0	-	-	14.6	-	-	-	0.0	-	-	-	-	-
57.0	55.0	-	-	48.5	-	-	-	0.0	-	-	-	-	-
60.0	55.0	-	0.0	6.8	0.0	-	-	0.0	-	-	-	0.0	-
60.0	60.0	-	3.4	9.1	0.0	-	-	0.0	-	-	-	0.0	-
60.0	65.0	-	18.6	15.2	0.0	-	-	0.0	-	-	-	0.0	-
60.0	70.0	-	3.3	0.0	0.0	-	-	0.0	-	-	-	0.0	-
60.0	90.0	-	-	3.1	0.0	-	-	0.0	-	-	-	0.0	-
63.0	55.0	0.0	3.4	0.0	-	-	-	0.0	-	-	-	-	-
63.0	60.0	6.0	3.3	1.5	-	-	-	0.0	-	-	-	-	-
63.0	65.0	-	3.3	0.0	-	-	-	0.0	-	-	-	-	-
63.0	80.0	-	-	6.0	-	-	-	0.0	-	-	-	-	-
67.0	50.0	0.0	0.0	6.7	-	-	-	0.0	-	-	-	-	-
67.0	55.0	0.0	0.0	5.5	-	-	-	0.0	-	-	-	-	-
67.0	60.0	5.9	2.9	0.0	-	-	-	0.0	-	-	-	-	-
67.0	65.0	-	0.0	8.7	-	-	-	0.0	-	-	-	-	-
67.0	70.0	-	3.1	0.0	-	-	-	0.0	-	-	-	-	-
67.0	80.0	-	-	1.6	-	-	-	0.0	-	-	-	-	-
67.0	90.0	-	-	1.5	-	-	-	0.0	-	-	-	-	-
70.0	51.0	9.4	3.0	-	0.0	-	-	0.0	-	-	-	0.0	-
70.0	53.0	3.4	2.9	9.8	3.1	-	-	0.0	-	-	-	0.0	-
70.0	60.0	3.2	3.7	11.1	3.2	-	-	0.0	-	-	-	0.0	-
70.0	65.0	-	6.8	27.7	0.0	-	-	0.0	-	-	-	0.0	-
70.0	70.0	0.0	7.8	27.2	0.0	-	-	0.0	-	-	-	0.0	-
70.0	90.0	0.0	0.0	6.6	0.0	-	-	0.0	-	-	-	0.0	-
73.0	53.0	0.0	0.0	10.9	-	-	-	0.0	-	-	-	-	-
73.0	60.0	7.0	18.4	8.4	-	-	-	0.0	-	-	-	-	-
73.0	65.0	0.0	3.2	20.0	-	-	-	-	-	-	-	-	-
73.0	70.0	0.0	12.4	15.2	-	-	-	-	-	-	-	-	-
73.0	80.0	0.0	0.0	1.6	-	-	-	-	-	-	-	-	-
77.0	55.0	3.4	4.2	1.5	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Bathylagus pacificus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	60.0	6.8	0.0	3.5	–	–	–	0.0	–	–	–	–	–
77.0	65.0	9.9	6.3	1.6	–	–	–	0.0	–	–	–	–	–
77.0	80.0	0.0	0.0	1.7	–	–	–	–	–	–	–	–	–
77.0	90.0	3.5	–	0.0	–	–	–	–	–	–	–	–	–
80.0	60.0	3.8	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–
80.0	70.0	15.1	9.5	0.0	0.0	–	–	0.0	–	–	–	0.0	–
80.0	80.0	6.6	6.8	6.5	4.2	–	–	0.0	–	–	–	0.0	–
80.0	90.0	3.5	0.0	6.1	0.0	–	–	0.0	–	–	–	0.0	–
82.0	47.0	0.0	14.3	0.0	–	–	–	0.0	–	–	–	–	–
83.0	40.0	5.1	0.0	0.0	–	–	–	0.0	–	–	–	–	–
83.0	43.0	5.1	0.0	–	–	–	–	0.0	–	–	–	–	–
83.0	51.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
83.0	70.0	9.1	0.0	0.0	–	–	–	0.0	–	–	–	–	–
83.0	80.0	0.0	7.3	5.9	–	–	–	0.0	–	–	–	–	–
83.0	90.0	0.0	0.0	11.8	–	–	–	0.0	–	–	–	–	–
87.0	80.0	0.0	0.0	6.1	–	–	–	0.0	–	–	–	–	–
90.0	28.0	0.0	0.0	0.0	2.9	–	–	0.0	–	0.0	–	–	–
90.0	45.0	0.0	0.0	6.3	0.0	–	–	0.0	–	0.0	–	–	–
90.0	90.0	0.0	0.0	3.2	0.0	–	–	0.0	–	0.0	–	–	–
93.0	35.0	0.0	3.0	0.0	–	–	–	0.0	–	–	–	–	–
97.0	35.0	0.0	0.0	3.9	–	–	–	0.0	–	–	–	–	–

Bathylagus wesethi

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	120.0	–	–	–	–	0.0	–	–	–	–	–	3.0	–
60.0	90.0	–	–	0.0	0.0	–	–	0.0	–	–	–	2.8	–
63.0	90.0	–	–	0.0	–	–	–	13.8	–	–	–	–	–
70.0	60.0	3.2	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–
70.0	70.0	3.7	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–
73.0	70.0	3.4	0.0	0.0	–	–	–	–	–	–	–	–	–
77.0	65.0	0.0	3.2	0.0	–	–	–	0.0	–	–	–	–	–
77.0	80.0	5.5	0.0	0.0	–	–	–	–	–	–	–	–	–
80.0	90.0	0.0	0.0	0.0	0.0	–	–	30.4	–	–	–	6.2	–
83.0	60.0	0.0	0.0	0.0	–	–	–	12.9	–	–	–	–	–
83.0	70.0	0.0	0.0	0.0	–	–	–	28.2	–	–	–	–	–
83.0	75.0	–	–	–	–	–	–	8.6	–	–	–	–	–
83.0	80.0	0.0	0.0	0.0	–	–	–	12.2	–	–	–	–	–
83.0	90.0	0.0	0.0	0.0	–	–	–	20.0	–	–	–	–	–
87.0	60.0	0.0	0.0	13.2	–	–	–	0.0	–	–	–	–	–
87.0	70.0	–	0.0	90.4	–	–	–	17.7	–	–	–	–	–
87.0	80.0	0.0	0.0	21.5	–	–	–	16.4	–	–	–	–	–
87.0	90.0	–	0.0	18.5	–	–	–	8.8	–	–	–	–	–
90.0	28.0	0.0	0.0	3.5	0.0	–	–	0.0	–	0.0	–	–	–
90.0	53.0	0.0	0.0	0.0	0.0	–	–	0.0	–	3.1	–	–	–

TABLE 4. (cont.)

Bathylagus wesethi (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 60.0	0.0	0.0	0.0	0.0	–	–	7.7	–	–	–	–	–
90.0 70.0	0.0	0.0	0.0	0.0	–	–	123.9	–	0.0	–	–	–
90.0 80.0	0.0	0.0	0.0	3.0	–	–	129.6	–	16.8	–	–	–
90.0 90.0	0.0	0.0	47.3	0.0	–	–	6.5	–	22.3	–	–	–
90.0 100.0	–	–	–	0.0	–	–	–	–	23.4	–	–	–
90.0 120.0	–	–	–	84.2	–	–	–	–	22.5	–	–	–
90.0 140.0	–	–	–	57.6	–	–	–	–	12.9	–	–	–
93.0 60.0	0.0	0.0	6.2	–	–	–	13.9	–	–	–	–	–
93.0 70.0	0.0	0.0	8.9	–	–	–	57.0	–	–	–	–	–
93.0 80.0	0.0	0.0	42.3	–	–	–	64.2	–	–	–	–	–
93.0 90.0	0.0	0.0	40.3	–	–	–	13.6	–	–	–	–	–
93.0 100.0	–	0.0	–	–	–	–	14.3	–	–	–	–	–
93.0 120.0	–	0.0	–	–	–	–	31.7	–	–	–	–	–
97.0 50.0	0.0	0.0	0.0	–	–	–	11.8	–	–	–	–	–
97.0 55.0	0.0	0.0	0.0	–	–	–	53.4	–	–	–	–	–
97.0 60.0	0.0	0.0	28.1	–	–	–	12.2	–	–	–	–	–
97.0 70.0	0.0	0.0	0.0	–	–	–	6.0	–	–	–	–	–
97.0 80.0	0.0	0.0	5.5	–	–	–	29.0	–	–	–	–	–
97.0 90.0	0.0	0.0	208.5	–	–	–	21.7	–	–	–	–	–
100.0 35.0	0.0	0.0	0.0	–	0.0	–	21.6	–	–	0.0	–	–
100.0 50.0	0.0	0.0	0.0	–	18.3	–	0.0	–	–	0.0	–	–
100.0 60.0	0.0	0.0	72.0	–	136.4	–	0.0	–	–	0.0	–	–
100.0 70.0	0.0	0.0	12.8	–	0.0	–	41.0	–	–	17.9	–	–
100.0 80.0	0.0	0.0	6.1	–	26.6	–	69.2	–	–	6.2	–	–
100.0 90.0	0.0	0.0	87.9	–	44.8	–	96.3	–	–	39.6	–	–
100.0 100.0	–	–	–	–	30.4	–	–	–	–	20.0	–	–
100.0 120.0	–	–	–	–	6.2	–	–	–	–	3.0	–	–
100.0 140.0	–	–	–	–	5.9	–	–	–	–	5.7	–	–
103.0 45.0	0.0	0.0	0.0	–	–	–	21.5	–	–	–	–	–
103.0 50.0	0.0	0.0	0.0	–	–	–	23.0	–	–	–	–	–
103.0 60.0	0.0	0.0	11.8	–	–	–	0.0	–	–	–	–	–
103.0 70.0	0.0	0.0	48.2	–	–	–	68.2	–	–	–	–	–
103.0 80.0	0.0	0.0	41.9	–	–	–	265.9	–	–	–	–	–
107.0 32.0	0.0	0.0	3.4	–	–	–	0.0	–	–	–	–	–
107.0 50.0	0.0	0.0	13.4	–	–	–	0.0	–	–	–	–	–
107.0 60.0	0.0	0.0	16.1	–	–	–	34.6	–	–	–	–	–
107.0 70.0	0.0	0.0	13.2	–	–	–	132.3	–	–	–	–	–
107.0 80.0	0.0	44.3	6.1	–	–	–	66.2	–	–	–	–	–
110.0 35.0	–	0.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–
110.0 40.0	0.0	0.0	0.0	–	116.8	–	0.0	–	–	0.0	–	–
110.0 45.0	0.0	0.0	3.2	–	16.8	–	0.0	–	–	0.0	–	–
110.0 50.0	0.0	0.0	6.2	–	0.0	–	0.0	–	–	0.0	–	–
110.0 55.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	19.1	–	–
110.0 60.0	0.0	0.0	0.0	–	6.7	–	5.6	–	–	27.5	–	–
110.0 70.0	0.0	0.0	15.3	–	0.0	–	45.8	–	–	5.9	–	–
110.0 80.0	0.0	0.0	6.5	–	25.0	–	25.6	–	–	25.2	–	–

TABLE 4. (cont.)

Bathylagus wesethi (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	45.0	0.0	0.0	0.0	–	–	–	21.1	–	–	–	–	–
113.0	50.0	0.0	0.0	0.0	–	–	–	11.0	–	–	–	–	–
113.0	60.0	0.0	0.0	0.0	–	–	–	33.1	–	–	–	–	–
113.0	70.0	0.0	0.0	0.0	–	–	–	3.0	–	–	–	–	–
113.0	80.0	0.0	0.0	9.6	–	–	–	48.6	–	–	–	–	–
117.0	60.0	0.0	0.0	3.2	–	–	–	0.0	–	–	–	–	–
117.0	70.0	0.0	0.0	0.0	–	–	–	13.8	–	–	–	–	–
117.0	80.0	0.0	0.0	0.0	–	–	–	84.8	–	–	–	–	–
120.0	45.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	6.0	–	–
120.0	60.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	6.1	–	–
120.0	70.0	0.0	0.0	2.8	–	2.9	–	8.6	–	–	3.0	–	–
120.0	80.0	0.0	0.0	0.0	–	5.7	–	14.7	–	–	48.5	–	–
123.0	60.0	0.0	0.0	0.0	–	–	–	11.2	–	–	–	–	–
127.0	50.0	0.0	0.0	0.0	–	–	–	5.8	–	–	–	–	–
130.0	90.0	–	–	–	–	0.0	–	–	–	–	2.7	–	–
147.0	35.0	–	3.1	–	–	–	–	–	–	–	–	–	–
147.0	40.0	–	3.4	–	–	–	–	–	–	–	–	–	–
147.0	45.0	–	3.3	–	–	–	–	–	–	–	–	–	–
147.0	50.0	–	3.1	–	–	–	–	–	–	–	–	–	–
150.0	19.0	–	0.0	–	–	–	3.5	–	–	–	–	0.0	–
150.0	25.0	–	0.0	–	–	–	10.4	–	–	–	–	0.0	–
150.0	30.0	–	3.4	–	–	–	3.4	–	–	–	–	0.0	–
150.0	40.0	–	13.6	–	–	–	0.0	–	–	–	–	0.0	–
150.0	45.0	–	43.4	–	–	–	0.0	–	–	–	–	0.0	–
150.0	50.0	–	19.3	–	–	–	0.0	–	–	–	–	0.0	–
150.0	55.0	–	6.9	–	–	–	0.0	–	–	–	–	0.0	–
150.0	60.0	–	3.2	–	–	–	0.0	–	–	–	–	0.0	–
153.0	25.0	–	10.5	–	–	–	–	–	–	–	–	–	–
153.0	30.0	–	10.4	–	–	–	–	–	–	–	–	–	–
153.0	45.0	–	19.0	–	–	–	–	–	–	–	–	–	–
157.0	10.0	–	35.1	–	–	–	0.0	–	–	–	–	12.0	–
157.0	15.0	–	28.6	–	–	–	3.0	–	–	–	–	12.2	–
157.0	20.0	–	3.2	–	–	–	6.4	–	–	–	–	18.5	–
157.0	30.0	–	6.2	–	–	–	0.0	–	–	–	–	3.2	–
157.0	35.0	–	6.4	–	–	–	0.0	–	–	–	–	0.0	–
157.0	45.0	–	3.2	–	–	–	26.6	–	–	–	–	0.0	–
157.0	50.0	–	15.1	–	–	–	12.8	–	–	–	–	0.0	–
157.0	55.0	–	6.0	–	–	–	0.0	–	–	–	–	3.0	–
157.0	60.0	–	0.0	–	–	–	12.1	–	–	–	–	0.0	–

Leuroglossus stilbius

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
53.0	60.0	–	–	14.8	–	–	–	0.0	–	–	–	–	–
53.0	65.0	–	–	30.4	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Leuroglossus stilbius (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
53.0	70.0	-	-	14.6	-	-	-	0.0	-	-	-	-	-
57.0	55.0	-	-	24.2	-	-	-	0.0	-	-	-	-	-
57.0	70.0	-	-	44.2	-	-	-	0.0	-	-	-	-	-
60.0	60.0	-	47.2	12.1	0.0	-	-	0.0	-	-	-	0.0	-
60.0	65.0	-	9.3	13.2	0.0	-	-	0.0	-	-	-	0.0	-
60.0	70.0	-	3.3	0.0	0.0	-	-	0.0	-	-	-	0.0	-
63.0	52.0	-	3.7	0.0	-	-	-	0.0	-	-	-	-	-
63.0	55.0	0.0	13.8	0.0	-	-	-	0.0	-	-	-	-	-
63.0	60.0	6.0	9.8	41.7	-	-	-	0.0	-	-	-	-	-
63.0	65.0	-	20.0	0.0	-	-	-	0.0	-	-	-	-	-
67.0	48.0	-	2.1	0.0	-	-	-	0.0	-	-	-	-	-
67.0	50.0	5.7	36.1	0.0	-	-	-	0.0	-	-	-	-	-
67.0	55.0	18.0	2.9	12.9	-	-	-	0.0	-	-	-	-	-
67.0	60.0	32.5	8.7	52.4	-	-	-	0.0	-	-	-	-	-
67.0	65.0	-	12.2	18.9	-	-	-	0.0	-	-	-	-	-
67.0	70.0	-	0.0	10.2	-	-	-	0.0	-	-	-	-	-
67.0	90.0	-	-	3.1	-	-	-	0.0	-	-	-	-	-
70.0	51.0	165.9	0.0	-	4.2	-	-	0.0	-	-	-	0.0	-
70.0	53.0	155.5	23.4	29.6	3.1	-	-	0.0	-	-	-	5.4	-
70.0	60.0	0.0	234.2	121.0	0.0	-	-	0.0	-	-	-	8.6	-
70.0	65.0	-	238.7	152.8	2.9	-	-	12.2	-	-	-	5.5	-
70.0	70.0	0.0	7.8	23.9	5.2	-	-	0.0	-	-	-	0.0	-
70.0	80.0	3.5	0.0	8.4	7.8	-	-	0.0	-	-	-	0.0	-
70.0	90.0	3.2	3.1	0.0	0.0	-	-	0.0	-	-	-	0.0	-
73.0	50.0	-	2.5	0.0	-	-	-	0.0	-	-	-	-	-
73.0	53.0	24.9	63.1	108.1	-	-	-	0.0	-	-	-	-	-
73.0	60.0	10.6	107.4	99.0	-	-	-	0.0	-	-	-	-	-
73.0	65.0	0.0	73.1	55.0	-	-	-	-	-	-	-	-	-
73.0	70.0	0.0	4.1	137.4	-	-	-	-	-	-	-	-	-
73.0	80.0	0.0	3.0	19.7	-	-	-	-	-	-	-	-	-
73.0	90.0	0.0	0.0	1.5	-	-	-	-	-	-	-	-	-
77.0	48.0	0.0	3.5	0.0	-	-	-	0.0	-	-	-	-	-
77.0	51.0	182.9	68.6	101.6	-	-	-	0.0	-	-	-	-	-
77.0	55.0	81.4	74.7	51.5	-	-	-	0.0	-	-	-	-	-
77.0	60.0	98.9	39.4	95.7	-	-	-	0.0	-	-	-	-	-
77.0	65.0	23.2	0.0	93.3	-	-	-	0.0	-	-	-	-	-
77.0	70.0	23.4	68.1	280.5	-	-	-	0.0	-	-	-	-	-
77.0	80.0	66.5	3.8	8.6	-	-	-	-	-	-	-	-	-
77.0	90.0	7.0	-	0.0	-	-	-	-	-	-	-	-	-
80.0	51.0	156.2	3.1	5.2	3.5	-	-	0.0	-	-	0.0	-	-
80.0	52.0	505.5	346.0	3.3	24.7	-	-	0.0	-	-	0.0	-	-
80.0	55.0	850.6	23.5	91.5	29.8	-	-	0.0	-	-	-	5.6	-
80.0	60.0	328.0	7.3	173.8	7.2	-	-	0.0	-	-	-	0.0	-
80.0	70.0	207.4	47.3	191.0	0.0	-	-	0.0	-	-	-	0.0	-
80.0	80.0	19.7	3.4	71.1	0.0	-	-	0.0	-	-	-	0.0	-
80.0	90.0	10.6	20.5	27.5	3.3	-	-	0.0	-	-	-	0.0	-

TABLE 4. (cont.)

Leuroglossus stilbius (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
82.0	47.0	98.2	85.7	186.4	–	–	–	0.0	–	–	–	–	–
83.0	40.0	783.9	5.1	4.8	–	–	–	0.0	–	–	–	–	–
83.0	43.0	783.9	108.2	–	–	–	–	0.0	–	–	–	–	–
83.0	51.0	54.1	141.4	318.6	–	–	–	0.0	–	–	–	–	–
83.0	55.0	1745.8	339.0	216.1	–	–	–	0.0	–	–	–	–	–
83.0	60.0	17.5	201.3	5.8	–	–	–	0.0	–	–	–	–	–
83.0	70.0	511.9	3.4	31.3	–	–	–	0.0	–	–	–	–	–
83.0	80.0	11.1	32.8	29.7	–	–	–	0.0	–	–	–	–	–
83.0	90.0	20.5	18.9	20.7	–	–	–	0.0	–	–	–	–	–
87.0	33.0	0.0	0.0	36.5	–	–	–	0.0	–	–	–	–	–
87.0	35.0	–	29.0	282.9	–	–	–	10.8	–	–	–	–	–
87.0	40.0	162.8	22.2	–	–	–	–	0.0	–	–	–	–	–
87.0	45.0	1451.8	2.8	473.8	–	–	–	0.0	–	–	–	–	–
87.0	50.0	199.8	29.0	38.2	–	–	–	–	–	–	–	–	–
87.0	55.0	94.8	231.1	105.1	–	–	–	0.0	–	–	–	–	–
87.0	60.0	23.0	13.4	0.0	–	–	–	0.0	–	–	–	–	–
87.0	70.0	–	0.0	3.2	–	–	–	0.0	–	–	–	–	–
90.0	28.0	71.0	202.9	35.2	11.6	–	–	0.0	–	3.4	–	–	–
90.0	32.0	41.3	175.2	105.6	43.4	–	–	0.0	–	0.0	–	–	–
90.0	37.0	94.0	466.1	607.2	9.6	–	–	0.0	–	0.0	–	–	–
90.0	45.0	985.7	1085.8	358.2	18.3	–	–	0.0	–	0.0	–	–	–
90.0	53.0	188.5	91.0	375.1	0.0	–	–	0.0	–	0.0	–	–	–
90.0	60.0	0.0	88.5	23.2	6.0	–	–	3.8	–	–	–	–	–
90.0	70.0	0.0	13.7	3.2	3.0	–	–	0.0	–	0.0	–	–	–
90.0	80.0	0.0	4.6	18.1	0.0	–	–	0.0	–	0.0	–	–	–
90.0	100.0	–	–	–	3.1	–	–	–	–	0.0	–	–	–
93.0	27.0	0.0	13.7	0.0	–	–	–	0.0	–	–	–	–	–
93.0	28.0	13.0	159.6	21.8	–	–	–	11.7	–	–	–	–	–
93.0	30.0	37.4	106.0	25.0	–	–	–	0.0	–	–	–	–	–
93.0	35.0	281.3	181.8	63.4	–	–	–	0.0	–	–	–	–	–
93.0	40.0	33.8	37.7	44.1	–	–	–	0.0	–	–	–	–	–
93.0	45.0	216.3	108.8	46.2	–	–	–	0.0	–	–	–	–	–
93.0	50.0	–	0.0	9.6	–	–	–	0.0	–	–	–	–	–
93.0	55.0	–	35.5	13.3	–	–	–	0.0	–	–	–	–	–
93.0	60.0	50.0	34.5	15.5	–	–	–	2.8	–	–	–	–	–
93.0	70.0	0.0	21.7	41.6	–	–	–	0.0	–	–	–	–	–
93.0	80.0	0.0	13.5	84.6	–	–	–	0.0	–	–	–	–	–
97.0	32.0	73.8	108.4	0.0	–	–	–	0.0	–	–	–	–	–
97.0	35.0	2.3	108.0	15.5	–	–	–	0.0	–	–	–	–	–
97.0	40.0	12.1	23.5	33.3	–	–	–	0.0	–	–	–	–	–
97.0	45.0	3.1	50.2	31.8	–	–	–	0.0	–	–	–	–	–
97.0	50.0	0.0	0.0	20.2	–	–	–	0.0	–	–	–	–	–
97.0	55.0	16.6	32.3	0.0	–	–	–	0.0	–	–	–	–	–
97.0	60.0	3.9	0.0	5.6	–	–	–	0.0	–	–	–	–	–
97.0	70.0	0.0	10.8	16.3	–	–	–	0.0	–	–	–	–	–
97.0	80.0	0.0	80.7	35.9	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Leuroglossus stilbius (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	90.0	0.0	24.4	9.9	–	–	–	0.0	–	–	–	–	–
100.0	29.0	50.0	0.0	25.5	–	29.3	–	0.0	–	–	0.0	–	–
100.0	30.0	137.1	66.8	95.2	–	49.2	–	0.0	–	–	0.0	–	–
100.0	35.0	17.1	25.5	88.9	–	12.5	–	0.0	–	–	0.0	–	–
100.0	40.0	11.4	264.9	13.1	–	108.6	–	12.6	–	–	0.0	–	–
100.0	50.0	0.0	9.2	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	60.0	3.4	0.0	3.1	–	0.0	–	0.0	–	–	0.0	–	–
100.0	70.0	0.0	3.0	67.0	–	3.0	–	0.0	–	–	0.0	–	–
100.0	80.0	0.0	0.0	30.3	–	0.0	–	0.0	–	–	0.0	–	–
100.0	90.0	0.0	0.0	5.9	–	0.0	–	0.0	–	–	0.0	–	–
103.0	29.0	0.0	1.6	13.8	–	–	–	–	–	–	–	–	–
103.0	30.0	0.0	4.0	23.7	–	–	–	–	–	–	–	–	–
103.0	35.0	449.3	114.1	40.5	–	–	–	–	–	–	–	–	–
103.0	40.0	82.9	5.9	20.5	–	–	–	–	–	–	–	–	–
103.0	45.0	22.0	0.0	46.8	–	–	–	0.0	–	–	–	–	–
103.0	50.0	0.0	12.2	0.0	–	–	–	0.0	–	–	–	–	–
103.0	55.0	–	2.8	–	–	–	–	–	–	–	–	–	–
103.0	60.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
107.0	31.0	13.1	0.0	0.0	–	–	–	0.0	–	–	–	–	–
107.0	32.0	111.4	19.2	13.7	–	–	–	0.0	–	–	–	–	–
107.0	35.0	104.2	125.1	68.0	–	–	–	0.0	–	–	–	–	–
107.0	40.0	71.1	163.7	3.5	–	–	–	0.0	–	–	–	–	–
110.0	32.0	0.0	0.0	11.6	–	0.0	–	0.0	–	–	0.0	–	–
110.0	35.0	–	19.9	26.5	–	75.0	–	0.0	–	–	0.0	–	–
110.0	36.0	13.1	–	–	–	–	–	–	–	–	–	–	–
110.0	40.0	0.0	84.2	0.0	–	30.5	–	0.0	–	–	0.0	–	–
110.0	45.0	6.0	16.1	3.2	–	10.1	–	12.0	–	–	0.0	–	–
110.0	50.0	15.3	9.9	3.1	–	0.0	–	12.1	–	–	0.0	–	–
110.0	55.0	0.0	0.0	3.6	–	0.0	–	0.0	–	–	0.0	–	–
110.0	70.0	0.0	0.0	3.1	–	0.0	–	0.0	–	–	0.0	–	–
113.0	30.0	0.0	2.8	0.0	–	–	–	0.0	–	–	–	–	–
113.0	35.0	37.3	2.9	29.9	–	–	–	0.0	–	–	–	–	–
113.0	40.0	15.4	0.0	15.9	–	–	–	0.0	–	–	–	–	–
113.0	45.0	13.1	0.0	36.2	–	–	–	0.0	–	–	–	–	–
113.0	50.0	0.0	3.3	16.3	–	–	–	0.0	–	–	–	–	–
113.0	60.0	0.0	2.9	0.0	–	–	–	0.0	–	–	–	–	–
113.0	70.0	0.0	0.0	8.6	–	–	–	0.0	–	–	–	–	–
117.0	35.0	5.8	0.0	28.1	–	–	–	0.0	–	–	–	–	–
117.0	40.0	20.2	80.6	16.6	–	–	–	0.0	–	–	–	–	–
117.0	45.0	0.0	0.0	12.5	–	–	–	11.3	–	–	–	–	–
117.0	50.0	3.2	0.0	9.3	–	–	–	12.0	–	–	–	–	–
117.0	60.0	0.0	0.0	3.2	–	–	–	0.0	–	–	–	–	–
117.0	70.0	0.0	0.0	0.0	–	–	–	2.8	–	–	–	–	–
118.0	39.0	–	22.0	12.1	–	–	–	12.6	–	–	–	–	–
119.0	33.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
120.0	24.0	0.0	2.5	0.0	–	0.0	–	0.0	–	–	0.0	–	–

TABLE 4. (cont.)

Leuroglossus stilbius (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	40.0	0.0	0.0	0.0	–	5.2	–	0.0	–	–	0.0	–	–
120.0	45.0	0.0	3.4	13.1	–	2.6	–	36.1	–	–	0.0	–	–
120.0	50.0	0.0	0.0	3.2	–	0.0	–	0.0	–	–	0.0	–	–
120.0	60.0	0.0	0.0	0.0	–	3.1	–	0.0	–	–	0.0	–	–
123.0	36.0	0.0	0.0	2.9	–	–	–	0.0	–	–	–	–	–
123.0	42.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
123.0	45.0	0.0	0.0	15.5	–	–	–	0.0	–	–	–	–	–
123.0	50.0	0.0	0.0	115.2	–	–	–	0.0	–	–	–	–	–
127.0	34.0	3.1	0.0	0.0	–	–	–	0.0	–	–	–	–	–
127.0	40.0	13.6	16.2	0.0	–	–	–	0.0	–	–	–	–	–
127.0	45.0	24.0	3.1	16.7	–	–	–	0.0	–	–	–	–	–
127.0	50.0	0.0	0.0	0.0	–	–	–	2.9	–	–	–	–	–
127.0	60.0	0.0	3.3	0.0	–	–	–	0.0	–	–	–	–	–
130.0	30.0	0.0	0.0	0.0	–	2.7	–	0.0	–	–	0.0	–	–
130.0	35.0	12.2	75.0	42.4	–	18.6	–	0.0	–	–	0.0	–	–
130.0	40.0	6.2	83.5	0.0	–	0.0	–	0.0	–	–	0.0	–	–
130.0	50.0	0.0	13.2	12.4	–	0.0	–	0.0	–	–	0.0	–	–
133.0	30.0	3.2	58.7	42.4	–	–	–	0.0	–	–	–	–	–
133.0	35.0	6.7	12.6	44.7	–	–	–	0.0	–	–	–	–	–
133.0	40.0	6.8	0.0	0.0	–	–	–	0.0	–	–	–	–	–
137.0	35.0	0.0	3.1	0.0	–	–	–	0.0	–	–	–	–	–

Bathylychnops exilis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	90.0	–	–	1.5	–	–	–	0.0	–	–	–	–	–

Dolichopteryx longipes

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	90.0	0.0	0.0	3.3	–	–	–	0.0	–	–	–	–	–

Osmeridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	–	0.0	–	–	3.1	–	–	–	–	0.0	–	–
60.0	50.0	–	0.0	0.0	26.5	–	–	0.0	–	–	–	0.0	–
60.0	52.0	–	0.0	7.9	0.0	–	–	0.0	–	–	–	0.0	–
67.0	48.0	–	0.0	3.0	–	–	–	0.0	–	–	–	–	–
67.0	50.0	0.0	0.0	1.7	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Stomiiformes

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
57.0 90.0	–	–	–	–	–	–	2.9	–	–	–	–	–
90.0 120.0	–	–	–	6.5	–	–	–	–	0.0	–	–	–
100.0 50.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.7	–	–
100.0 90.0	0.0	0.0	0.0	–	6.4	–	0.0	–	–	0.0	–	–
140.0 80.0	–	–	–	–	–	3.0	–	–	–	–	0.0	–
150.0 50.0	–	3.2	–	–	–	0.0	–	–	–	–	0.0	–
150.0 100.0	–	–	–	–	–	6.2	–	–	–	–	0.0	–
153.0 35.0	–	6.5	–	–	–	–	–	–	–	–	–	–

Gonostomatidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 100.0	–	–	–	0.0	–	–	–	–	–	–	3.2	–
90.0 90.0	0.0	0.0	0.0	6.9	–	–	0.0	–	0.0	–	–	–
97.0 90.0	0.0	0.0	3.3	–	–	–	0.0	–	–	–	–	–
100.0 80.0	3.0	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
107.0 60.0	0.0	2.7	0.0	–	–	–	0.0	–	–	–	–	–
130.0 70.0	–	–	–	–	5.6	–	–	–	–	0.0	–	–
153.0 20.0	–	3.5	–	–	–	–	–	–	–	–	–	–

Cyclothone spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0 65.0	–	0.0	–	–	0.0	–	–	–	–	7.2	–	–
40.0 120.0	–	–	–	–	–	–	–	–	–	–	3.4	–
40.0 180.0	–	–	–	–	–	–	–	–	–	–	8.8	–
47.0 55.0	–	0.0	–	–	–	–	13.3	–	–	–	–	–
50.0 80.0	–	0.0	–	–	0.0	–	3.1	–	–	–	0.0	–
50.0 100.0	–	–	–	–	0.0	–	–	–	–	–	3.1	–
60.0 100.0	–	–	–	11.7	–	–	–	–	–	–	0.0	–
63.0 80.0	–	–	6.0	–	–	–	23.5	–	–	–	–	–
63.0 90.0	–	–	1.6	–	–	–	20.6	–	–	–	–	–
70.0 70.0	0.0	0.0	0.0	0.0	–	–	0.0	–	–	–	2.6	–
70.0 80.0	0.0	3.5	0.0	0.0	–	–	0.0	–	–	–	0.0	–
73.0 90.0	0.0	0.0	6.9	–	–	–	–	–	–	–	–	–
77.0 60.0	0.0	3.3	0.0	–	–	–	0.0	–	–	–	–	–
80.0 70.0	0.0	0.0	0.0	0.0	–	–	0.0	–	–	–	3.0	–
80.0 90.0	3.5	0.0	0.0	3.3	–	–	11.4	–	–	–	12.4	–
83.0 60.0	0.0	0.0	0.0	–	–	–	12.9	–	–	–	–	–
83.0 70.0	0.0	0.0	6.3	–	–	–	15.4	–	–	–	–	–
83.0 75.0	–	–	–	–	–	–	5.7	–	–	–	–	–
83.0 80.0	0.0	0.0	0.0	–	–	–	12.2	–	–	–	–	–
83.0 90.0	0.0	0.0	0.0	–	–	–	5.7	–	–	–	–	–
87.0 55.0	4.1	0.0	0.0	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Cyclothone spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	70.0	–	0.0	6.5	–	–	–	0.0	–	–	–	–	–
87.0	80.0	0.0	2.6	6.1	–	–	–	0.0	–	–	–	–	–
87.0	90.0	–	0.0	6.2	–	–	–	32.2	–	–	–	–	–
90.0	70.0	0.0	3.4	3.2	0.0	–	–	0.0	–	0.0	–	–	–
90.0	80.0	2.9	0.0	3.0	0.0	–	–	0.0	–	23.4	–	–	–
90.0	90.0	2.5	0.0	18.9	0.0	–	–	0.0	–	15.9	–	–	–
90.0	100.0	–	–	–	0.0	–	–	–	–	8.8	–	–	–
90.0	120.0	–	–	–	71.3	–	–	–	–	44.9	–	–	–
90.0	140.0	–	–	–	0.0	–	–	–	–	16.1	–	–	–
93.0	60.0	0.0	0.0	3.1	–	–	–	0.0	–	–	–	–	–
93.0	70.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
93.0	90.0	0.0	0.0	3.4	–	–	–	0.0	–	–	–	–	–
93.0	100.0	–	0.0	–	–	–	–	14.3	–	–	–	–	–
93.0	120.0	–	0.0	–	–	–	–	2.9	–	–	–	–	–
97.0	80.0	0.0	0.0	0.0	–	–	–	5.3	–	–	–	–	–
97.0	90.0	0.0	0.0	23.2	–	–	–	0.0	–	–	–	–	–
100.0	60.0	0.0	13.4	9.4	–	0.0	–	0.0	–	–	0.0	–	–
100.0	70.0	0.0	3.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	80.0	3.0	0.0	3.0	–	0.0	–	93.3	–	–	0.0	–	–
100.0	90.0	6.4	0.0	8.8	–	9.6	–	77.0	–	–	33.5	–	–
100.0	100.0	–	–	–	–	0.0	–	–	–	–	51.5	–	–
100.0	120.0	–	–	–	–	61.6	–	–	–	–	27.0	–	–
100.0	140.0	–	–	–	–	11.8	–	–	–	–	25.8	–	–
103.0	60.0	0.0	0.0	8.9	–	–	–	0.0	–	–	–	–	–
103.0	70.0	0.0	0.0	32.1	–	–	–	0.0	–	–	–	–	–
103.0	80.0	0.0	3.0	3.2	–	–	–	46.2	–	–	–	–	–
107.0	40.0	3.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–
107.0	70.0	0.0	5.7	9.9	–	–	–	24.3	–	–	–	–	–
107.0	80.0	0.0	8.9	3.0	–	–	–	14.4	–	–	–	–	–
110.0	40.0	0.0	0.0	0.0	–	2.5	–	0.0	–	–	3.2	–	–
110.0	45.0	0.0	0.0	3.2	–	0.0	–	0.0	–	–	6.4	–	–
110.0	50.0	0.0	0.0	3.1	–	0.0	–	0.0	–	–	9.9	–	–
110.0	55.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	16.0	–	–
110.0	60.0	0.0	0.0	0.0	–	0.0	–	5.6	–	–	12.2	–	–
110.0	70.0	0.0	9.2	3.1	–	0.0	–	11.4	–	–	11.8	–	–
110.0	80.0	0.0	3.1	3.2	–	0.0	–	0.0	–	–	0.0	–	–
113.0	45.0	0.0	5.8	0.0	–	–	–	7.9	–	–	–	–	–
113.0	60.0	0.0	0.0	0.0	–	–	–	28.0	–	–	–	–	–
113.0	70.0	0.0	0.0	0.0	–	–	–	32.6	–	–	–	–	–
113.0	80.0	0.0	13.9	3.2	–	–	–	13.5	–	–	–	–	–
117.0	40.0	0.0	0.0	0.0	–	–	–	12.2	–	–	–	–	–
117.0	45.0	0.0	0.0	0.0	–	–	–	11.3	–	–	–	–	–
117.0	70.0	0.0	0.0	0.0	–	–	–	11.0	–	–	–	–	–
117.0	80.0	9.4	0.0	0.0	–	–	–	18.2	–	–	–	–	–
120.0	45.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	6.0	–	–
120.0	50.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	15.2	–	–

TABLE 4. (cont.)

Cyclothone spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0 60.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	9.2	–	–
120.0 70.0	0.0	0.0	0.0	–	0.0	–	2.9	–	–	5.9	–	–
120.0 80.0	0.0	0.0	0.0	–	5.7	–	17.6	–	–	30.3	–	–
123.0 42.0	3.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–
123.0 60.0	0.0	0.0	0.0	–	–	–	2.8	–	–	–	–	–
130.0 80.0	–	–	–	–	0.0	–	–	–	–	3.0	–	–
130.0 90.0	–	–	–	–	5.9	–	–	–	–	18.6	–	–
140.0 100.0	–	–	–	–	3.1	–	–	–	–	–	6.0	–
140.0 120.0	–	–	–	–	17.8	–	–	–	–	–	22.8	–
150.0 30.0	–	0.0	–	–	–	0.0	–	–	–	–	6.0	–
150.0 45.0	–	0.0	–	–	–	0.0	–	–	–	–	3.1	–
150.0 70.0	–	–	–	–	–	0.0	–	–	–	–	5.7	–
150.0 80.0	–	–	–	–	–	2.9	–	–	–	–	0.0	–
150.0 90.0	–	–	–	–	–	6.1	–	–	–	–	3.1	–
150.0 110.0	–	–	–	–	–	11.2	–	–	–	–	0.0	–

Danaphos oculatus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0 40.0	–	0.0	–	–	3.5	–	–	–	–	0.0	–	–
40.0 120.0	–	–	–	–	–	–	–	–	–	–	10.1	–
40.0 180.0	–	–	–	–	–	–	–	–	–	–	8.8	–
50.0 60.0	–	0.0	–	–	0.0	–	0.0	–	–	–	3.2	–
50.0 65.0	–	0.0	–	–	0.0	–	0.0	–	–	–	6.3	–
50.0 100.0	–	–	–	–	0.0	–	–	–	–	–	12.3	–
50.0 120.0	–	–	–	–	0.0	–	–	–	–	–	3.0	–
60.0 70.0	–	0.0	13.0	0.0	–	–	0.0	–	–	–	3.3	–
63.0 70.0	–	0.0	1.6	–	–	–	0.0	–	–	–	–	–
63.0 90.0	–	–	3.1	–	–	–	0.0	–	–	–	–	–
67.0 50.0	0.0	0.0	1.7	–	–	–	0.0	–	–	–	–	–
67.0 90.0	–	–	1.5	–	–	–	6.2	–	–	–	–	–
70.0 70.0	7.5	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–
70.0 80.0	0.0	0.0	3.3	0.0	–	–	0.0	–	–	–	0.0	–
77.0 65.0	3.3	0.0	0.0	–	–	–	0.0	–	–	–	–	–
80.0 60.0	0.0	0.0	0.0	3.6	–	–	0.0	–	–	–	0.0	–
80.0 70.0	3.8	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–
80.0 90.0	3.5	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–
83.0 60.0	3.5	0.0	2.9	–	–	–	0.0	–	–	–	–	–
83.0 75.0	–	–	–	–	–	–	2.9	–	–	–	–	–
83.0 80.0	3.7	0.0	0.0	–	–	–	0.0	–	–	–	–	–
90.0 70.0	0.0	3.4	0.0	9.1	–	–	0.0	–	0.0	–	–	–
90.0 90.0	0.0	0.0	6.3	0.0	–	–	0.0	–	0.0	–	–	–
90.0 140.0	–	–	–	3.2	–	–	–	–	3.2	–	–	–
93.0 35.0	0.0	3.0	0.0	–	–	–	0.0	–	–	–	–	–
93.0 45.0	0.0	0.0	3.1	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Danaphos oculatus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0 60.0	0.0	0.0	3.1	–	–	–	5.6	–	–	–	–	–
93.0 120.0	–	2.7	–	–	–	–	0.0	–	–	–	–	–
97.0 35.0	0.0	5.8	0.0	–	–	–	0.0	–	–	–	–	–
97.0 45.0	0.0	3.9	0.0	–	–	–	0.0	–	–	–	–	–
97.0 90.0	0.0	5.4	0.0	–	–	–	0.0	–	–	–	–	–
100.0 50.0	5.4	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0 60.0	10.1	3.3	3.1	–	0.0	–	0.0	–	–	0.0	–	–
100.0 70.0	0.0	0.0	6.4	–	0.0	–	0.0	–	–	0.0	–	–
100.0 80.0	0.0	0.0	0.0	–	10.0	–	0.0	–	–	3.1	–	–
103.0 50.0	0.0	0.0	0.0	–	–	–	11.5	–	–	–	–	–
107.0 40.0	6.5	0.0	0.0	–	–	–	0.0	–	–	–	–	–
107.0 60.0	0.0	5.4	0.0	–	–	–	0.0	–	–	–	–	–
107.0 70.0	0.0	0.0	0.0	–	–	–	2.7	–	–	–	–	–
107.0 80.0	0.0	3.0	0.0	–	–	–	0.0	–	–	–	–	–
113.0 70.0	3.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–
117.0 80.0	3.1	0.0	0.0	–	–	–	0.0	–	–	–	–	–

Diplophos taenia

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0 80.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–
140.0 35.0	–	0.0	–	–	–	0.0	–	–	–	–	3.0	–
140.0 45.0	–	0.0	–	–	–	0.0	–	–	–	–	3.0	–
140.0 50.0	–	3.5	–	–	–	0.0	–	–	–	–	2.9	–
140.0 55.0	–	0.0	–	–	–	0.0	–	–	–	–	34.4	–
140.0 70.0	–	–	–	–	–	0.0	–	–	–	–	2.9	–
140.0 120.0	–	–	–	–	3.0	–	–	–	–	–	0.0	–
143.0 60.0	–	7.2	–	–	–	–	–	–	–	–	–	–
147.0 55.0	–	3.2	–	–	–	–	–	–	–	–	–	–
147.0 60.0	–	3.3	–	–	–	–	–	–	–	–	–	–
150.0 25.0	–	0.0	–	–	–	0.0	–	–	–	–	9.3	–
150.0 30.0	–	0.0	–	–	–	0.0	–	–	–	–	12.0	–
150.0 35.0	–	0.0	–	–	–	0.0	–	–	–	–	12.1	–
150.0 40.0	–	0.0	–	–	–	0.0	–	–	–	–	9.1	–
150.0 45.0	–	10.0	–	–	–	0.0	–	–	–	–	12.3	–
150.0 50.0	–	0.0	–	–	–	0.0	–	–	–	–	12.3	–
150.0 60.0	–	0.0	–	–	–	0.0	–	–	–	–	3.1	–
150.0 100.0	–	–	–	–	–	0.0	–	–	–	–	17.5	–
150.0 110.0	–	–	–	–	–	0.0	–	–	–	–	3.1	–
153.0 30.0	–	3.5	–	–	–	–	–	–	–	–	–	–
153.0 35.0	–	25.8	–	–	–	–	–	–	–	–	–	–
153.0 40.0	–	6.7	–	–	–	–	–	–	–	–	–	–
153.0 45.0	–	12.6	–	–	–	–	–	–	–	–	–	–
153.0 55.0	–	3.1	–	–	–	–	–	–	–	–	–	–
157.0 10.0	–	3.2	–	–	–	0.0	–	–	–	–	14.9	–

TABLE 4. (cont.)

Diplophos taenia (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
157.0	15.0	–	3.2	–	–	–	0.0	–	–	–	–	6.1	–
157.0	20.0	–	0.0	–	–	–	0.0	–	–	–	–	3.1	–
157.0	25.0	–	3.2	–	–	–	0.0	–	–	–	–	20.7	–
157.0	30.0	–	6.2	–	–	–	0.0	–	–	–	–	50.4	–
157.0	35.0	–	19.1	–	–	–	0.0	–	–	–	–	22.8	–
157.0	40.0	–	6.2	–	–	–	0.0	–	–	–	–	12.5	–
157.0	45.0	–	9.5	–	–	–	0.0	–	–	–	–	23.0	–
157.0	50.0	–	30.3	–	–	–	0.0	–	–	–	–	37.0	–
157.0	55.0	–	18.0	–	–	–	0.0	–	–	–	–	6.0	–
157.0	60.0	–	3.1	–	–	–	0.0	–	–	–	–	3.0	–

Ichthyococcus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	35.0	0.0	3.4	0.0	–	–	–	0.0	–	–	–	–	–
107.0	80.0	0.0	3.0	0.0	–	–	–	0.0	–	–	–	–	–
110.0	55.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.2	–	–
110.0	80.0	0.0	0.0	3.2	–	0.0	–	0.0	–	–	0.0	–	–
113.0	80.0	0.0	2.8	0.0	–	–	–	0.0	–	–	–	–	–
120.0	70.0	0.0	0.0	0.0	–	2.9	–	0.0	–	–	0.0	–	–
120.0	80.0	0.0	0.0	0.0	–	2.8	–	0.0	–	–	0.0	–	–

Valenciennellus stellatus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	70.0	0.0	0.0	1.6	–	–	–	–	–	–	–	–	–
90.0	70.0	0.0	0.0	0.0	0.0	–	–	3.5	–	3.0	–	–	–
90.0	80.0	0.0	0.0	0.0	0.0	–	–	0.0	–	3.3	–	–	–
90.0	90.0	0.0	0.0	0.0	0.0	–	–	0.0	–	3.2	–	–	–
97.0	90.0	0.0	2.7	0.0	–	–	–	0.0	–	–	–	–	–
100.0	90.0	0.0	0.0	0.0	–	3.2	–	0.0	–	–	0.0	–	–
110.0	70.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–

Vinciguerria lucetia

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	70.0	0.0	0.0	0.0	0.0	–	–	0.0	–	–	–	14.8	–
80.0	80.0	0.0	0.0	0.0	0.0	–	–	0.0	–	–	–	5.8	–
80.0	90.0	0.0	0.0	0.0	0.0	–	–	0.0	–	–	–	30.9	–
83.0	70.0	0.0	0.0	0.0	–	–	–	20.5	–	–	–	–	–
87.0	70.0	–	2.9	0.0	–	–	–	0.0	–	–	–	–	–
87.0	90.0	–	0.0	0.0	–	–	–	2.9	–	–	–	–	–
90.0	90.0	0.0	0.0	0.0	0.0	–	–	0.0	–	133.6	–	–	–

TABLE 4. (cont.)

Vinciguerria lucetia (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 100.0	–	–	–	0.0	–	–	–	–	35.0	–	–	–
90.0 120.0	–	–	–	3.2	–	–	–	–	93.1	–	–	–
93.0 27.0	4.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–
93.0 90.0	3.4	3.2	0.0	–	–	–	0.0	–	–	–	–	–
93.0 120.0	–	0.0	–	–	–	–	8.6	–	–	–	–	–
97.0 60.0	7.9	0.0	0.0	–	–	–	0.0	–	–	–	–	–
97.0 80.0	0.0	0.0	0.0	–	–	–	2.6	–	–	–	–	–
97.0 90.0	0.0	0.0	9.9	–	–	–	2.7	–	–	–	–	–
100.0 60.0	0.0	6.7	6.3	–	0.0	–	0.0	–	–	0.0	–	–
100.0 80.0	3.0	0.0	0.0	–	0.0	–	57.2	–	–	6.2	–	–
100.0 90.0	12.7	0.0	0.0	–	0.0	–	321.8	–	–	118.9	–	–
100.0 100.0	–	–	–	–	0.0	–	–	–	–	540.5	–	–
100.0 120.0	–	–	–	–	33.9	–	–	–	–	24.0	–	–
100.0 140.0	–	–	–	–	0.0	–	–	–	–	80.4	–	–
103.0 45.0	0.0	0.0	0.0	–	–	–	21.5	–	–	–	–	–
103.0 50.0	0.0	0.0	0.0	–	–	–	23.0	–	–	–	–	–
103.0 55.0	–	2.8	–	–	–	–	–	–	–	–	–	–
103.0 60.0	0.0	0.0	8.9	–	–	–	0.0	–	–	–	–	–
103.0 70.0	0.0	5.4	3.2	–	–	–	25.6	–	–	–	–	–
103.0 80.0	0.0	5.9	0.0	–	–	–	167.6	–	–	–	–	–
107.0 60.0	0.0	0.0	0.0	–	–	–	11.5	–	–	–	–	–
107.0 70.0	2.9	5.7	3.3	–	–	–	124.2	–	–	–	–	–
107.0 80.0	2.8	11.8	0.0	–	–	–	115.2	–	–	–	–	–
110.0 40.0	0.0	0.0	0.0	–	5.1	–	0.0	–	–	0.0	–	–
110.0 45.0	0.0	0.0	0.0	–	6.7	–	0.0	–	–	19.1	–	–
110.0 50.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	49.6	–	–
110.0 55.0	0.0	3.3	0.0	–	0.0	–	0.0	–	–	149.9	–	–
110.0 60.0	6.2	0.0	0.0	–	0.0	–	14.1	–	–	15.3	–	–
110.0 70.0	0.0	0.0	3.1	–	3.0	–	74.4	–	–	11.8	–	–
110.0 80.0	0.0	18.8	6.5	–	9.4	–	11.4	–	–	25.2	–	–
113.0 40.0	3.1	0.0	0.0	–	–	–	0.0	–	–	–	–	–
113.0 45.0	0.0	5.8	0.0	–	–	–	10.6	–	–	–	–	–
113.0 50.0	0.0	0.0	0.0	–	–	–	11.0	–	–	–	–	–
113.0 60.0	0.0	0.0	0.0	–	–	–	28.0	–	–	–	–	–
113.0 70.0	6.3	0.0	5.8	–	–	–	50.3	–	–	–	–	–
113.0 80.0	3.0	41.7	12.8	–	–	–	54.0	–	–	–	–	–
117.0 70.0	3.3	0.0	0.0	–	–	–	16.6	–	–	–	–	–
117.0 80.0	47.0	2.7	9.2	–	–	–	115.1	–	–	–	–	–
120.0 35.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	2.7	–	–
120.0 40.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	9.7	–	–
120.0 45.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	77.7	–	–
120.0 50.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	88.2	–	–
120.0 60.0	9.4	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
120.0 70.0	9.3	9.5	0.0	–	11.7	–	11.4	–	–	8.9	–	–
120.0 80.0	0.0	0.0	6.7	–	8.5	–	252.0	–	–	260.6	–	–
123.0 60.0	0.0	3.3	0.0	–	–	–	84.3	–	–	–	–	–

TABLE 4. (cont.)

Vinciguerria lucetia (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	45.0	3.0	3.1	0.0	-	-	-	0.0	-	-	-	-	-
127.0	50.0	12.7	3.5	0.0	-	-	-	2.9	-	-	-	-	-
127.0	60.0	0.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
130.0	35.0	0.0	0.0	3.3	-	0.0	-	0.0	-	-	0.0	-	-
130.0	40.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	23.4	-	-
130.0	50.0	3.0	0.0	0.0	-	3.0	-	12.2	-	-	45.9	-	-
130.0	60.0	22.8	3.3	14.7	-	3.0	-	0.0	-	-	51.7	-	-
130.0	70.0	-	-	-	-	25.4	-	-	-	-	100.8	-	-
130.0	80.0	-	-	-	-	153.9	-	-	-	-	143.0	-	-
130.0	90.0	-	-	-	-	550.8	-	-	-	-	50.4	-	-
133.0	30.0	16.1	6.2	9.1	-	-	-	0.0	-	-	-	-	-
133.0	35.0	103.8	3.2	181.8	-	-	-	0.0	-	-	-	-	-
133.0	40.0	33.9	246.5	9.5	-	-	-	0.0	-	-	-	-	-
133.0	50.0	6.5	91.8	0.0	-	-	-	8.8	-	-	-	-	-
133.0	60.0	3.2	6.2	39.4	-	-	-	0.0	-	-	-	-	-
137.0	30.0	0.0	9.9	0.0	-	-	-	0.0	-	-	-	-	-
137.0	35.0	88.8	31.0	0.0	-	-	-	0.0	-	-	-	-	-
137.0	40.0	130.4	78.5	25.6	-	-	-	0.0	-	-	-	-	-
137.0	50.0	208.5	0.0	27.1	-	-	-	0.0	-	-	-	-	-
137.0	60.0	103.0	20.1	101.1	-	-	-	-	-	-	-	-	-
140.0	30.0	-	3.2	-	-	-	2.5	-	-	-	-	26.3	-
140.0	35.0	-	32.0	-	-	-	0.0	-	-	-	-	217.5	-
140.0	40.0	-	10.1	-	-	-	64.4	-	-	-	-	102.2	-
140.0	45.0	-	109.4	-	-	-	268.8	-	-	-	-	56.0	-
140.0	50.0	-	376.3	-	-	-	113.4	-	-	-	-	41.0	-
140.0	55.0	-	128.0	-	-	-	59.9	-	-	-	-	48.8	-
140.0	60.0	-	24.8	-	-	-	12.5	-	-	-	-	115.6	-
140.0	70.0	-	-	-	-	-	16.7	-	-	-	-	615.3	-
140.0	80.0	-	-	-	-	-	143.3	-	-	-	-	233.6	-
140.0	90.0	-	-	-	-	238.0	-	-	-	-	-	0.0	-
140.0	100.0	-	-	-	-	83.2	-	-	-	-	-	15.1	-
140.0	120.0	-	-	-	-	1426.7	-	-	-	-	-	470.2	-
143.0	30.0	-	29.7	-	-	-	-	-	-	-	-	-	-
143.0	35.0	-	84.8	-	-	-	-	-	-	-	-	-	-
143.0	40.0	-	289.8	-	-	-	-	-	-	-	-	-	-
143.0	45.0	-	145.0	-	-	-	-	-	-	-	-	-	-
143.0	50.0	-	48.9	-	-	-	-	-	-	-	-	-	-
143.0	55.0	-	46.6	-	-	-	-	-	-	-	-	-	-
143.0	60.0	-	25.2	-	-	-	-	-	-	-	-	-	-
147.0	20.0	-	9.1	-	-	-	-	-	-	-	-	-	-
147.0	25.0	-	3.1	-	-	-	-	-	-	-	-	-	-
147.0	30.0	-	197.6	-	-	-	-	-	-	-	-	-	-
147.0	35.0	-	511.8	-	-	-	-	-	-	-	-	-	-
147.0	40.0	-	307.8	-	-	-	-	-	-	-	-	-	-
147.0	45.0	-	227.0	-	-	-	-	-	-	-	-	-	-
147.0	50.0	-	40.0	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Vinciguerria lucetia (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
147.0 55.0	-	130.8	-	-	-	-	-	-	-	-	-	-
147.0 60.0	-	68.3	-	-	-	-	-	-	-	-	-	-
150.0 19.0	-	23.7	-	-	-	0.0	-	-	-	-	188.2	-
150.0 25.0	-	0.0	-	-	-	1287.4	-	-	-	-	497.5	-
150.0 30.0	-	117.6	-	-	-	1145.8	-	-	-	-	927.1	-
150.0 35.0	-	140.6	-	-	-	89.4	-	-	-	-	766.6	-
150.0 40.0	-	283.0	-	-	-	30.0	-	-	-	-	845.6	-
150.0 45.0	-	360.7	-	-	-	298.5	-	-	-	-	635.5	-
150.0 50.0	-	724.5	-	-	-	145.8	-	-	-	-	61.6	-
150.0 55.0	-	703.8	-	-	-	174.4	-	-	-	-	77.8	-
150.0 60.0	-	319.8	-	-	-	16.4	-	-	-	-	55.3	-
150.0 70.0	-	-	-	-	-	41.1	-	-	-	-	74.4	-
150.0 80.0	-	-	-	-	-	111.9	-	-	-	-	153.5	-
150.0 90.0	-	-	-	-	-	346.6	-	-	-	-	68.9	-
150.0 100.0	-	-	-	-	-	509.8	-	-	-	-	552.9	-
150.0 110.0	-	-	-	-	-	1190.0	-	-	-	-	150.7	-
153.0 16.0	-	11.2	-	-	-	-	-	-	-	-	-	-
153.0 20.0	-	98.8	-	-	-	-	-	-	-	-	-	-
153.0 25.0	-	83.8	-	-	-	-	-	-	-	-	-	-
153.0 30.0	-	194.3	-	-	-	-	-	-	-	-	-	-
153.0 35.0	-	113.1	-	-	-	-	-	-	-	-	-	-
153.0 40.0	-	93.2	-	-	-	-	-	-	-	-	-	-
153.0 45.0	-	549.8	-	-	-	-	-	-	-	-	-	-
153.0 50.0	-	204.7	-	-	-	-	-	-	-	-	-	-
153.0 55.0	-	184.1	-	-	-	-	-	-	-	-	-	-
153.0 60.0	-	226.5	-	-	-	-	-	-	-	-	-	-
157.0 10.0	-	657.1	-	-	-	143.1	-	-	-	-	188.4	-
157.0 15.0	-	130.4	-	-	-	12.1	-	-	-	-	100.7	-
157.0 20.0	-	64.2	-	-	-	130.4	-	-	-	-	117.4	-
157.0 25.0	-	204.8	-	-	-	40.6	-	-	-	-	103.6	-
157.0 30.0	-	480.5	-	-	-	20.8	-	-	-	-	179.6	-
157.0 35.0	-	564.6	-	-	-	0.0	-	-	-	-	276.3	-
157.0 40.0	-	543.8	-	-	-	41.0	-	-	-	-	62.4	-
157.0 45.0	-	1127.7	-	-	-	476.2	-	-	-	-	213.1	-
157.0 50.0	-	139.4	-	-	-	1287.2	-	-	-	-	107.8	-
157.0 55.0	-	132.0	-	-	-	86.4	-	-	-	-	81.3	-
157.0 60.0	-	97.9	-	-	-	280.9	-	-	-	-	33.5	-

Vinciguerria poweriae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 140.0	-	-	-	0.0	-	-	-	-	3.2	-	-	-

TABLE 4. (cont.)

Sternoptychidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	65.0	-	18.0	-	-	0.0	-	-	-	-	0.0	-	-
43.0	65.0	-	23.4	-	-	-	-	0.0	-	-	-	-	-
47.0	50.0	-	10.8	-	-	-	-	0.0	-	-	-	-	-
47.0	80.0	-	15.0	-	-	-	-	0.0	-	-	-	-	-
50.0	65.0	-	0.0	-	-	0.0	-	0.0	-	-	-	9.5	-
50.0	70.0	-	0.0	-	-	0.0	-	0.0	-	-	-	3.2	-
50.0	100.0	-	-	-	-	0.0	-	-	-	-	-	9.2	-
53.0	90.0	-	-	-	-	-	-	3.1	-	-	-	-	-
60.0	70.0	-	0.0	8.2	0.0	-	-	0.0	-	-	-	0.0	-
60.0	80.0	-	-	20.4	0.0	-	-	0.0	-	-	-	0.0	-
63.0	55.0	0.0	3.4	0.0	-	-	-	0.0	-	-	-	-	-
63.0	60.0	0.0	0.0	7.1	-	-	-	0.0	-	-	-	-	-
63.0	70.0	-	0.0	3.2	-	-	-	0.0	-	-	-	-	-
67.0	60.0	0.0	0.0	7.2	-	-	-	0.0	-	-	-	-	-
70.0	53.0	3.4	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	70.0	0.0	0.0	19.2	2.6	-	-	0.0	-	-	-	2.6	-
70.0	80.0	0.0	3.5	0.0	0.0	-	-	0.0	-	-	-	0.0	-
73.0	60.0	3.5	6.1	0.0	-	-	-	0.0	-	-	-	-	-
73.0	65.0	0.0	6.4	0.0	-	-	-	-	-	-	-	-	-
73.0	70.0	3.4	0.0	1.6	-	-	-	-	-	-	-	-	-
73.0	80.0	3.9	0.0	0.0	-	-	-	-	-	-	-	-	-
77.0	51.0	0.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
77.0	55.0	0.0	4.2	0.0	-	-	-	0.0	-	-	-	-	-
77.0	65.0	0.0	0.0	6.6	-	-	-	0.0	-	-	-	-	-
77.0	70.0	0.0	0.0	3.5	-	-	-	0.0	-	-	-	-	-
77.0	80.0	0.0	3.8	6.5	-	-	-	-	-	-	-	-	-
80.0	52.0	7.4	0.0	0.0	0.0	-	-	0.0	-	-	0.0	-	-
80.0	55.0	5.3	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
80.0	60.0	0.0	0.0	3.2	0.0	-	-	26.3	-	-	-	3.1	-
80.0	70.0	0.0	3.2	0.0	0.0	-	-	0.0	-	-	-	5.9	-
80.0	80.0	6.6	0.0	3.2	0.0	-	-	0.0	-	-	-	0.0	-
80.0	90.0	3.5	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
83.0	60.0	0.0	6.9	2.9	-	-	-	0.0	-	-	-	-	-
83.0	70.0	0.0	3.4	0.0	-	-	-	0.0	-	-	-	-	-
83.0	90.0	0.0	3.2	3.0	-	-	-	0.0	-	-	-	-	-
87.0	40.0	3.5	0.0	-	-	-	-	0.0	-	-	-	-	-
87.0	60.0	3.8	0.0	3.3	-	-	-	0.0	-	-	-	-	-
87.0	70.0	-	0.0	3.2	-	-	-	0.0	-	-	-	-	-
87.0	90.0	-	0.0	6.2	-	-	-	0.0	-	-	-	-	-
90.0	32.0	0.0	0.0	3.2	0.0	-	-	0.0	-	0.0	-	-	-
90.0	37.0	0.0	7.3	3.2	3.2	-	-	0.0	-	0.0	-	-	-
90.0	45.0	0.0	3.5	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	53.0	0.0	0.0	0.0	0.0	-	-	0.0	-	3.1	-	-	-
90.0	70.0	0.0	6.9	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	80.0	0.0	9.1	0.0	0.0	-	-	0.0	-	3.3	-	-	-
90.0	90.0	2.5	0.0	0.0	3.4	-	-	0.0	-	0.0	-	-	-

TABLE 4. (cont.)

Sternoptychidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 100.0	-	-	-	6.3	-	-	-	-	0.0	-	-	-
90.0 120.0	-	-	-	9.7	-	-	-	-	16.1	-	-	-
90.0 140.0	-	-	-	0.0	-	-	-	-	3.2	-	-	-
93.0 28.0	2.6	3.1	0.0	-	-	-	0.0	-	-	-	-	-
93.0 30.0	0.0	3.0	0.0	-	-	-	11.8	-	-	-	-	-
93.0 35.0	14.7	0.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0 40.0	0.0	3.1	3.2	-	-	-	0.0	-	-	-	-	-
93.0 45.0	0.0	3.1	3.1	-	-	-	0.0	-	-	-	-	-
93.0 55.0	-	3.2	0.0	-	-	-	0.0	-	-	-	-	-
93.0 60.0	0.0	3.1	3.1	-	-	-	0.0	-	-	-	-	-
93.0 70.0	0.0	2.7	0.0	-	-	-	0.0	-	-	-	-	-
93.0 80.0	6.6	0.0	3.0	-	-	-	0.0	-	-	-	-	-
93.0 120.0	-	5.4	-	-	-	-	0.0	-	-	-	-	-
97.0 32.0	4.9	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0 45.0	0.0	3.9	0.0	-	-	-	0.0	-	-	-	-	-
97.0 55.0	3.3	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0 60.0	7.9	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0 70.0	0.0	0.0	0.0	-	-	-	3.0	-	-	-	-	-
97.0 80.0	0.0	0.0	2.8	-	-	-	0.0	-	-	-	-	-
97.0 90.0	0.0	2.7	0.0	-	-	-	0.0	-	-	-	-	-
100.0 29.0	2.8	0.0	0.0	-	0.0	-	0.0	-	-	3.0	-	-
100.0 30.0	3.0	0.0	3.4	-	0.0	-	0.0	-	-	8.5	-	-
100.0 35.0	10.3	0.0	3.4	-	0.0	-	0.0	-	-	3.0	-	-
100.0 40.0	0.0	10.3	0.0	-	0.0	-	0.0	-	-	6.7	-	-
100.0 50.0	0.0	3.1	0.0	-	0.0	-	0.0	-	-	0.0	-	-
100.0 60.0	0.0	0.0	9.4	-	0.0	-	0.0	-	-	0.0	-	-
100.0 70.0	3.1	0.0	3.2	-	0.0	-	0.0	-	-	17.9	-	-
100.0 80.0	0.0	0.0	0.0	-	0.0	-	3.0	-	-	3.1	-	-
100.0 90.0	3.2	0.0	0.0	-	9.6	-	5.5	-	-	3.0	-	-
100.0 100.0	-	-	-	-	9.1	-	-	-	-	5.7	-	-
100.0 120.0	-	-	-	-	0.0	-	-	-	-	3.0	-	-
100.0 140.0	-	-	-	-	0.0	-	-	-	-	2.9	-	-
103.0 35.0	0.0	3.2	0.0	-	-	-	-	-	-	-	-	-
103.0 40.0	6.4	0.0	0.0	-	-	-	-	-	-	-	-	-
103.0 50.0	9.6	0.0	0.0	-	-	-	11.5	-	-	-	-	-
103.0 55.0	-	5.5	-	-	-	-	-	-	-	-	-	-
103.0 60.0	0.0	2.9	3.0	-	-	-	0.0	-	-	-	-	-
103.0 70.0	0.0	2.7	0.0	-	-	-	0.0	-	-	-	-	-
103.0 80.0	0.0	0.0	0.0	-	-	-	5.8	-	-	-	-	-
107.0 40.0	3.2	10.6	0.0	-	-	-	0.0	-	-	-	-	-
107.0 70.0	0.0	0.0	6.6	-	-	-	8.1	-	-	-	-	-
107.0 80.0	0.0	0.0	3.0	-	-	-	5.8	-	-	-	-	-
110.0 35.0	-	9.9	0.0	-	0.0	-	0.0	-	-	0.0	-	-
110.0 36.0	3.3	-	-	-	-	-	-	-	-	-	-	-
110.0 40.0	0.0	3.2	0.0	-	0.0	-	0.0	-	-	0.0	-	-
110.0 45.0	3.0	3.2	0.0	-	3.4	-	0.0	-	-	3.2	-	-

TABLE 4. (cont.)

Sternoptychidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	50.0	9.2	0.0	0.0	-	0.0	-	0.0	-	-	6.6	-	-
110.0	55.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	6.4	-	-
110.0	60.0	0.0	6.5	0.0	-	0.0	-	0.0	-	-	15.3	-	-
110.0	70.0	0.0	0.0	3.1	-	3.0	-	8.6	-	-	0.0	-	-
110.0	80.0	3.2	0.0	0.0	-	0.0	-	0.0	-	-	6.3	-	-
113.0	35.0	3.4	0.0	0.0	-	-	-	0.0	-	-	-	-	-
113.0	40.0	0.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
113.0	50.0	3.3	3.3	3.3	-	-	-	0.0	-	-	-	-	-
113.0	70.0	0.0	0.0	2.9	-	-	-	11.8	-	-	-	-	-
113.0	80.0	0.0	0.0	3.2	-	-	-	8.1	-	-	-	-	-
117.0	45.0	10.1	0.0	0.0	-	-	-	0.0	-	-	-	-	-
117.0	70.0	0.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-
117.0	80.0	9.4	2.7	3.1	-	-	-	0.0	-	-	-	-	-
118.0	39.0	-	0.0	3.0	-	-	-	0.0	-	-	-	-	-
120.0	45.0	0.0	6.8	0.0	-	0.0	-	0.0	-	-	9.0	-	-
120.0	60.0	0.0	0.0	6.0	-	0.0	-	0.0	-	-	0.0	-	-
120.0	70.0	0.0	6.3	0.0	-	5.8	-	0.0	-	-	0.0	-	-
120.0	80.0	0.0	0.0	3.3	-	2.8	-	5.9	-	-	3.0	-	-
123.0	45.0	5.3	0.0	0.0	-	-	-	0.0	-	-	-	-	-
123.0	60.0	0.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-
127.0	40.0	0.0	3.2	0.0	-	-	-	0.0	-	-	-	-	-
127.0	60.0	12.8	3.3	0.0	-	-	-	0.0	-	-	-	-	-
130.0	40.0	0.0	9.6	0.0	-	6.1	-	0.0	-	-	0.0	-	-
130.0	50.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	2.9	-	-
130.0	60.0	0.0	6.7	8.8	-	15.1	-	2.6	-	-	2.9	-	-
130.0	70.0	-	-	-	-	5.6	-	-	-	-	8.6	-	-
130.0	80.0	-	-	-	-	8.9	-	-	-	-	0.0	-	-
130.0	90.0	-	-	-	-	8.8	-	-	-	-	8.0	-	-
133.0	35.0	0.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
133.0	40.0	3.4	0.0	0.0	-	-	-	0.0	-	-	-	-	-
133.0	60.0	0.0	3.1	3.3	-	-	-	0.0	-	-	-	-	-
137.0	60.0	0.0	0.0	10.1	-	-	-	-	-	-	-	-	-
140.0	35.0	-	0.0	-	-	-	0.0	-	-	-	-	3.0	-
140.0	40.0	-	0.0	-	-	-	0.0	-	-	-	-	8.8	-
140.0	50.0	-	0.0	-	-	-	12.6	-	-	-	-	0.0	-
140.0	60.0	-	0.0	-	-	-	6.3	-	-	-	-	0.0	-
140.0	70.0	-	-	-	-	-	2.8	-	-	-	-	11.7	-
140.0	80.0	-	-	-	-	-	12.2	-	-	-	-	0.0	-
140.0	90.0	-	-	-	-	0.0	-	-	-	-	-	6.1	-
140.0	100.0	-	-	-	-	0.0	-	-	-	-	-	12.1	-
140.0	120.0	-	-	-	-	23.7	-	-	-	-	-	0.0	-
150.0	25.0	-	0.0	-	-	-	0.0	-	-	-	-	9.3	-
150.0	40.0	-	3.4	-	-	-	0.0	-	-	-	-	0.0	-
150.0	45.0	-	0.0	-	-	-	0.0	-	-	-	-	12.3	-
150.0	50.0	-	0.0	-	-	-	0.0	-	-	-	-	6.2	-
150.0	55.0	-	0.0	-	-	-	0.0	-	-	-	-	2.9	-

TABLE 4. (cont.)

Sternoptychidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0 70.0	–	–	–	–	–	3.2	–	–	–	–	0.0	–
150.0 80.0	–	–	–	–	–	8.6	–	–	–	–	3.1	–
150.0 90.0	–	–	–	–	–	12.2	–	–	–	–	6.3	–
150.0 110.0	–	–	–	–	–	2.8	–	–	–	–	0.0	–
153.0 60.0	–	3.0	–	–	–	–	–	–	–	–	–	–

Chauliodus macouni

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0 38.0	–	0.0	–	–	0.0	–	–	–	–	3.8	–	–
40.0 45.0	–	18.1	–	–	0.0	–	–	–	–	0.0	–	–
40.0 50.0	–	14.6	–	–	0.0	–	–	–	–	0.0	–	–
40.0 55.0	–	27.1	–	–	0.0	–	–	–	–	4.8	–	–
40.0 65.0	–	0.0	–	–	3.7	–	–	–	–	3.6	–	–
40.0 80.0	–	–	–	–	17.4	–	–	–	–	3.0	–	–
43.0 45.0	–	12.8	–	–	–	–	0.0	–	–	–	–	–
43.0 60.0	–	12.2	–	–	–	–	0.0	–	–	–	–	–
43.0 65.0	–	23.4	–	–	–	–	0.0	–	–	–	–	–
43.0 70.0	–	66.4	–	–	–	–	0.0	–	–	–	–	–
47.0 50.0	–	21.5	–	–	–	–	0.0	–	–	–	–	–
47.0 65.0	–	22.1	–	–	–	–	0.0	–	–	–	–	–
50.0 60.0	–	13.1	–	–	0.0	–	0.0	–	–	–	6.4	–
50.0 65.0	–	0.0	–	–	0.0	–	0.0	–	–	–	3.2	–
50.0 70.0	–	0.0	–	–	0.0	–	12.1	–	–	–	9.7	–
50.0 80.0	–	12.4	–	–	0.0	–	0.0	–	–	–	2.9	–
50.0 90.0	–	0.0	–	–	0.0	–	3.1	–	–	–	0.0	–
50.0 100.0	–	–	–	–	0.0	–	–	–	–	–	9.2	–
53.0 70.0	–	–	14.6	–	–	–	0.0	–	–	–	–	–
53.0 90.0	–	–	–	–	–	–	3.1	–	–	–	–	–
57.0 60.0	–	–	0.0	–	–	–	14.5	–	–	–	–	–
57.0 80.0	–	–	63.4	–	–	–	0.0	–	–	–	–	–
57.0 90.0	–	–	–	–	–	–	2.9	–	–	–	–	–
60.0 60.0	–	0.0	1.8	0.0	–	–	0.0	–	–	–	3.2	–
60.0 65.0	–	0.0	0.0	0.0	–	–	0.0	–	–	–	5.9	–
60.0 70.0	–	0.0	1.7	0.0	–	–	0.0	–	–	–	0.0	–
60.0 80.0	–	–	0.0	2.6	–	–	0.0	–	–	–	0.0	–
60.0 90.0	–	–	1.5	0.0	–	–	0.0	–	–	–	2.8	–
60.0 120.0	–	–	–	0.0	–	–	–	–	–	3.1	–	–
63.0 65.0	–	3.3	0.0	–	–	–	0.0	–	–	–	–	–
63.0 70.0	–	0.0	1.6	–	–	–	0.0	–	–	–	–	–
63.0 80.0	–	–	3.2	–	–	–	0.0	–	–	–	–	–
63.0 90.0	–	–	3.1	–	–	–	0.0	–	–	–	–	–
67.0 55.0	0.0	0.0	1.8	–	–	–	0.0	–	–	–	–	–
67.0 60.0	0.0	0.0	1.9	–	–	–	0.0	–	–	–	–	–
67.0 80.0	–	–	1.6	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Chauliodus macouni (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	90.0	-	-	16.7	-	-	-	6.2	-	-	-	-	-
70.0	51.0	0.0	3.0	-	0.0	-	-	0.0	-	-	-	0.0	-
70.0	53.0	0.0	0.0	3.3	0.0	-	-	0.0	-	-	-	0.0	-
70.0	60.0	3.2	0.0	3.2	0.0	-	-	0.0	-	-	-	0.0	-
70.0	65.0	-	10.2	1.5	0.0	-	-	0.0	-	-	-	2.7	-
70.0	70.0	3.7	7.8	6.4	0.0	-	-	12.7	-	-	-	7.8	-
70.0	80.0	3.5	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
73.0	53.0	0.0	0.0	1.6	-	-	-	0.0	-	-	-	-	-
73.0	60.0	3.5	0.0	0.0	-	-	-	0.0	-	-	-	-	-
73.0	65.0	0.0	0.0	1.5	-	-	-	-	-	-	-	-	-
73.0	70.0	13.6	8.3	7.0	-	-	-	-	-	-	-	-	-
73.0	80.0	11.6	0.0	1.6	-	-	-	-	-	-	-	-	-
73.0	90.0	7.4	3.2	15.4	-	-	-	-	-	-	-	-	-
77.0	55.0	0.0	4.2	1.5	-	-	-	0.0	-	-	-	-	-
77.0	60.0	0.0	0.0	5.2	-	-	-	0.0	-	-	-	-	-
77.0	80.0	5.5	3.8	0.0	-	-	-	-	-	-	-	-	-
77.0	90.0	3.5	-	0.0	-	-	-	-	-	-	-	-	-
80.0	52.0	0.0	10.4	0.0	0.0	-	-	0.0	-	-	0.0	-	-
80.0	60.0	0.0	0.0	0.0	0.0	-	-	26.3	-	-	-	0.0	-
80.0	70.0	0.0	0.0	3.1	0.0	-	-	0.0	-	-	-	0.0	-
80.0	80.0	0.0	0.0	3.2	12.7	-	-	0.0	-	-	-	0.0	-
80.0	90.0	0.0	8.2	3.1	10.0	-	-	3.8	-	-	-	0.0	-
83.0	60.0	7.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
83.0	70.0	4.5	3.4	0.0	-	-	-	0.0	-	-	-	-	-
83.0	80.0	7.4	0.0	5.9	-	-	-	0.0	-	-	-	-	-
83.0	90.0	3.4	3.2	3.0	-	-	-	0.0	-	-	-	-	-
87.0	55.0	12.4	3.2	0.0	-	-	-	0.0	-	-	-	-	-
87.0	60.0	0.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
87.0	70.0	-	2.9	6.5	-	-	-	0.0	-	-	-	-	-
87.0	80.0	0.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
87.0	90.0	-	0.0	6.2	-	-	-	0.0	-	-	-	-	-
90.0	32.0	0.0	0.0	0.0	3.1	-	-	0.0	-	0.0	-	-	-
90.0	60.0	0.0	0.0	0.0	6.0	-	-	0.0	-	-	-	-	-
90.0	70.0	0.0	0.0	3.2	9.1	-	-	0.0	-	0.0	-	-	-
90.0	80.0	0.0	4.6	0.0	0.0	-	-	0.0	-	0.0	-	-	-
93.0	30.0	0.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
93.0	60.0	0.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-
93.0	70.0	0.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-
93.0	90.0	0.0	0.0	0.0	-	-	-	3.4	-	-	-	-	-
93.0	100.0	-	0.0	-	-	-	-	2.9	-	-	-	-	-
93.0	120.0	-	0.0	-	-	-	-	2.9	-	-	-	-	-
97.0	32.0	0.0	3.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	40.0	0.0	3.9	0.0	-	-	-	0.0	-	-	-	-	-
97.0	55.0	3.3	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	80.0	0.0	0.0	0.0	-	-	-	2.6	-	-	-	-	-
100.0	50.0	2.7	0.0	0.0	-	7.3	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Chauliodus macouni (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0 70.0	0.0	0.0	0.0	–	3.0	–	0.0	–	–	0.0	–	–
100.0 90.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–
103.0 60.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
120.0 60.0	3.1	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–

Idiacanthus antrostomus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0 100.0	–	–	–	–	0.0	–	–	–	–	–	3.1	–
63.0 90.0	–	–	0.0	–	–	–	27.5	–	–	–	–	–
80.0 80.0	0.0	0.0	0.0	0.0	–	–	3.2	–	–	–	0.0	–
83.0 60.0	3.5	0.0	0.0	–	–	–	0.0	–	–	–	–	–
83.0 70.0	0.0	0.0	0.0	–	–	–	10.2	–	–	–	–	–
83.0 80.0	0.0	0.0	0.0	–	–	–	15.3	–	–	–	–	–
87.0 90.0	–	0.0	0.0	–	–	–	14.7	–	–	–	–	–
90.0 70.0	0.0	0.0	0.0	0.0	–	–	3.5	–	0.0	–	–	–
90.0 90.0	0.0	0.0	0.0	0.0	–	–	0.0	–	3.2	–	–	–
90.0 120.0	–	–	–	0.0	–	–	–	–	12.8	–	–	–
90.0 140.0	–	–	–	0.0	–	–	–	–	3.2	–	–	–
93.0 100.0	–	0.0	–	–	–	–	2.9	–	–	–	–	–
93.0 120.0	–	0.0	–	–	–	–	2.9	–	–	–	–	–
97.0 80.0	3.0	0.0	0.0	–	–	–	2.6	–	–	–	–	–
97.0 90.0	6.2	0.0	0.0	–	–	–	2.7	–	–	–	–	–
100.0 60.0	3.4	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0 70.0	6.3	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
103.0 60.0	3.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–
103.0 70.0	0.0	0.0	0.0	–	–	–	2.8	–	–	–	–	–
107.0 60.0	5.9	0.0	0.0	–	–	–	0.0	–	–	–	–	–
110.0 50.0	0.0	3.3	0.0	–	0.0	–	0.0	–	–	0.0	–	–
117.0 60.0	10.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–
150.0 45.0	–	3.3	–	–	–	0.0	–	–	–	–	0.0	–

Aristostomias scintillans

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 90.0	0.0	0.0	3.2	0.0	–	–	0.0	–	0.0	–	–	–
90.0 120.0	–	–	–	6.5	–	–	–	–	0.0	–	–	–
100.0 90.0	0.0	0.0	0.0	–	3.2	–	0.0	–	–	0.0	–	–
100.0 100.0	–	–	–	–	3.0	–	–	–	–	0.0	–	–
100.0 140.0	–	–	–	–	3.0	–	–	–	–	0.0	–	–

TABLE 4. (cont.)

Bathophilus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0 80.0	–	0.0	–	–	0.0	–	3.1	–	–	–	0.0	–
150.0 45.0	–	6.7	–	–	–	0.0	–	–	–	–	0.0	–
150.0 110.0	–	–	–	–	–	2.8	–	–	–	–	0.0	–
153.0 30.0	–	6.9	–	–	–	–	–	–	–	–	–	–
153.0 45.0	–	3.2	–	–	–	–	–	–	–	–	–	–
157.0 10.0	–	0.0	–	–	–	0.0	–	–	–	–	12.0	–
157.0 15.0	–	3.2	–	–	–	0.0	–	–	–	–	0.0	–
157.0 20.0	–	0.0	–	–	–	0.0	–	–	–	–	15.4	–
157.0 25.0	–	0.0	–	–	–	0.0	–	–	–	–	8.9	–
157.0 50.0	–	0.0	–	–	–	0.0	–	–	–	–	3.1	–
157.0 55.0	–	0.0	–	–	–	0.0	–	–	–	–	3.0	–

Eustomias spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 140.0	–	–	–	0.0	–	–	–	–	3.2	–	–	–

Tactostoma macropus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0 80.0	–	–	–	–	0.0	–	–	–	–	3.0	–	–
43.0 60.0	–	0.0	–	–	–	–	12.7	–	–	–	–	–
50.0 80.0	–	0.0	–	–	0.0	–	9.4	–	–	–	0.0	–
57.0 90.0	–	–	–	–	–	–	2.9	–	–	–	–	–
83.0 90.0	0.0	0.0	0.0	–	–	–	2.9	–	–	–	–	–

Stomias atriventer

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0 90.0	–	0.0	–	–	0.0	–	3.1	–	–	–	0.0	–
53.0 80.0	–	–	0.0	–	–	–	11.5	–	–	–	–	–
57.0 70.0	–	–	0.0	–	–	–	13.0	–	–	–	–	–
60.0 90.0	–	–	0.0	0.0	–	–	3.0	–	–	–	0.0	–
73.0 65.0	0.0	3.2	1.5	–	–	–	–	–	–	–	–	–
73.0 70.0	0.0	0.0	1.6	–	–	–	–	–	–	–	–	–
83.0 55.0	0.0	3.3	0.0	–	–	–	0.0	–	–	–	–	–
87.0 60.0	0.0	2.7	0.0	–	–	–	0.0	–	–	–	–	–
87.0 70.0	–	0.0	12.9	–	–	–	0.0	–	–	–	–	–
90.0 60.0	0.0	0.0	2.9	0.0	–	–	0.0	–	–	–	–	–
90.0 90.0	0.0	0.0	6.3	0.0	–	–	0.0	–	0.0	–	–	–
90.0 140.0	–	–	–	0.0	–	–	–	–	3.2	–	–	–
93.0 45.0	3.7	0.0	0.0	–	–	–	0.0	–	–	–	–	–
93.0 60.0	0.0	0.0	3.1	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Stomias atriventer (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0 70.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
93.0 90.0	0.0	0.0	6.7	–	–	–	0.0	–	–	–	–	–
93.0 110.0	–	3.0	–	–	–	–	–	–	–	–	–	–
97.0 35.0	0.0	2.9	0.0	–	–	–	0.0	–	–	–	–	–
97.0 70.0	0.0	0.0	0.0	–	–	–	3.0	–	–	–	–	–
100.0 35.0	3.4	0.0	3.4	–	0.0	–	0.0	–	–	0.0	–	–
100.0 50.0	0.0	0.0	3.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0 60.0	0.0	0.0	3.1	–	0.0	–	0.0	–	–	0.0	–	–
100.0 90.0	0.0	0.0	8.8	–	0.0	–	0.0	–	–	0.0	–	–
100.0 100.0	–	–	–	–	0.0	–	–	–	–	2.9	–	–
103.0 40.0	3.2	0.0	0.0	–	–	–	–	–	–	–	–	–
103.0 60.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
103.0 70.0	0.0	0.0	12.8	–	–	–	0.0	–	–	–	–	–
103.0 80.0	0.0	0.0	3.2	–	–	–	0.0	–	–	–	–	–
107.0 50.0	0.0	0.0	3.3	–	–	–	0.0	–	–	–	–	–
107.0 60.0	0.0	0.0	12.9	–	–	–	0.0	–	–	–	–	–
107.0 70.0	0.0	0.0	3.3	–	–	–	0.0	–	–	–	–	–
107.0 80.0	0.0	26.6	0.0	–	–	–	0.0	–	–	–	–	–
110.0 40.0	0.0	3.2	0.0	–	0.0	–	0.0	–	–	0.0	–	–
110.0 45.0	0.0	0.0	12.8	–	0.0	–	0.0	–	–	3.2	–	–
110.0 50.0	0.0	0.0	71.3	–	0.0	–	0.0	–	–	0.0	–	–
110.0 60.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.1	–	–
110.0 70.0	0.0	0.0	9.2	–	0.0	–	2.9	–	–	0.0	–	–
110.0 80.0	0.0	0.0	3.2	–	0.0	–	2.8	–	–	0.0	–	–
113.0 45.0	0.0	0.0	3.3	–	–	–	0.0	–	–	–	–	–
113.0 50.0	3.3	0.0	0.0	–	–	–	0.0	–	–	–	–	–
113.0 70.0	0.0	0.0	2.9	–	–	–	3.0	–	–	–	–	–
117.0 50.0	3.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–
117.0 60.0	0.0	0.0	6.4	–	–	–	0.0	–	–	–	–	–
117.0 70.0	0.0	0.0	3.4	–	–	–	5.5	–	–	–	–	–
117.0 80.0	0.0	2.7	6.1	–	–	–	6.1	–	–	–	–	–
120.0 45.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–
120.0 60.0	0.0	0.0	0.0	–	3.1	–	0.0	–	–	0.0	–	–
120.0 70.0	0.0	0.0	5.6	–	0.0	–	0.0	–	–	5.9	–	–
120.0 80.0	0.0	0.0	6.7	–	0.0	–	2.9	–	–	9.1	–	–
123.0 60.0	0.0	0.0	0.0	–	–	–	14.1	–	–	–	–	–
127.0 40.0	0.0	3.2	0.0	–	–	–	0.0	–	–	–	–	–
127.0 50.0	0.0	3.5	6.3	–	–	–	0.0	–	–	–	–	–
130.0 40.0	0.0	19.3	0.0	–	3.0	–	5.4	–	–	0.0	–	–
130.0 50.0	0.0	9.9	3.1	–	0.0	–	0.0	–	–	0.0	–	–
130.0 70.0	–	–	–	–	0.0	–	–	–	–	2.9	–	–
130.0 80.0	–	–	–	–	0.0	–	–	–	–	3.0	–	–
130.0 90.0	–	–	–	–	8.8	–	–	–	–	5.3	–	–
133.0 35.0	6.7	3.2	3.2	–	–	–	0.0	–	–	–	–	–
133.0 40.0	37.3	3.2	3.2	–	–	–	0.0	–	–	–	–	–
133.0 50.0	6.5	0.0	0.0	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Stomias atriventer (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
140.0 45.0	–	0.0	–	–	–	0.0	–	–	–	–	3.0	–
140.0 55.0	–	0.0	–	–	–	0.0	–	–	–	–	2.9	–
140.0 60.0	–	0.0	–	–	–	0.0	–	–	–	–	2.8	–
140.0 90.0	–	–	–	–	2.8	–	–	–	–	–	0.0	–
140.0 120.0	–	–	–	–	0.0	–	–	–	–	–	2.8	–
147.0 40.0	–	3.4	–	–	–	–	–	–	–	–	–	–
147.0 45.0	–	3.3	–	–	–	–	–	–	–	–	–	–
147.0 50.0	–	3.1	–	–	–	–	–	–	–	–	–	–
147.0 55.0	–	3.2	–	–	–	–	–	–	–	–	–	–
147.0 60.0	–	6.5	–	–	–	–	–	–	–	–	–	–
150.0 25.0	–	0.0	–	–	–	6.9	–	–	–	–	0.0	–
150.0 35.0	–	10.3	–	–	–	0.0	–	–	–	–	0.0	–
150.0 45.0	–	10.0	–	–	–	0.0	–	–	–	–	0.0	–
150.0 50.0	–	9.7	–	–	–	0.0	–	–	–	–	0.0	–
150.0 55.0	–	3.5	–	–	–	0.0	–	–	–	–	2.9	–
150.0 60.0	–	9.7	–	–	–	3.3	–	–	–	–	0.0	–
150.0 70.0	–	–	–	–	–	0.0	–	–	–	–	2.9	–
150.0 80.0	–	–	–	–	–	2.9	–	–	–	–	0.0	–
150.0 90.0	–	–	–	–	–	0.0	–	–	–	–	3.1	–
150.0 100.0	–	–	–	–	–	0.0	–	–	–	–	5.8	–
150.0 110.0	–	–	–	–	–	2.8	–	–	–	–	0.0	–
153.0 25.0	–	3.5	–	–	–	–	–	–	–	–	–	–
153.0 30.0	–	6.9	–	–	–	–	–	–	–	–	–	–
153.0 45.0	–	3.2	–	–	–	–	–	–	–	–	–	–
153.0 50.0	–	3.0	–	–	–	–	–	–	–	–	–	–
157.0 15.0	–	3.2	–	–	–	0.0	–	–	–	–	0.0	–
157.0 20.0	–	3.2	–	–	–	0.0	–	–	–	–	3.1	–
157.0 30.0	–	0.0	–	–	–	0.0	–	–	–	–	3.2	–
157.0 35.0	–	0.0	–	–	–	0.0	–	–	–	–	3.3	–
157.0 45.0	–	3.2	–	–	–	0.0	–	–	–	–	2.9	–
157.0 55.0	–	3.0	–	–	–	0.0	–	–	–	–	0.0	–
157.0 60.0	–	15.3	–	–	–	0.0	–	–	–	–	0.0	–

Myctophiformes

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0 90.0	0.0	0.0	2.9	–	0.0	–	0.0	–	–	0.0	–	–
150.0 35.0	–	3.4	–	–	–	0.0	–	–	–	–	0.0	–

Evermannellidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
140.0 120.0	–	–	–	–	3.0	–	–	–	–	–	0.0	–

TABLE 4. (cont.)

Paralepididae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 100.0	–	–	–	2.9	–	–	–	–	–	–	0.0	–
60.0 120.0	–	–	–	3.8	–	–	–	–	–	0.0	–	–
87.0 90.0	–	0.0	3.1	–	–	–	0.0	–	–	–	–	–
97.0 35.0	0.0	2.9	0.0	–	–	–	0.0	–	–	–	–	–
97.0 90.0	0.0	0.0	3.3	–	–	–	0.0	–	–	–	–	–
100.0 90.0	0.0	0.0	0.0	–	3.2	–	0.0	–	–	0.0	–	–
107.0 70.0	0.0	0.0	0.0	–	–	–	2.7	–	–	–	–	–
110.0 60.0	0.0	3.3	0.0	–	0.0	–	0.0	–	–	0.0	–	–
143.0 40.0	–	3.2	–	–	–	–	–	–	–	–	–	–
150.0 19.0	–	0.0	–	–	–	0.0	–	–	–	–	2.9	–
150.0 25.0	–	0.0	–	–	–	0.0	–	–	–	–	3.1	–
150.0 30.0	–	0.0	–	–	–	0.0	–	–	–	–	3.0	–
150.0 35.0	–	0.0	–	–	–	0.0	–	–	–	–	6.1	–
150.0 40.0	–	0.0	–	–	–	0.0	–	–	–	–	39.3	–
150.0 45.0	–	0.0	–	–	–	0.0	–	–	–	–	3.1	–
150.0 50.0	–	0.0	–	–	–	0.0	–	–	–	–	6.2	–
153.0 30.0	–	6.9	–	–	–	–	–	–	–	–	–	–
153.0 45.0	–	3.2	–	–	–	–	–	–	–	–	–	–
153.0 50.0	–	3.0	–	–	–	–	–	–	–	–	–	–
157.0 10.0	–	3.2	–	–	–	0.0	–	–	–	–	17.9	–
157.0 20.0	–	0.0	–	–	–	0.0	–	–	–	–	27.8	–
157.0 25.0	–	0.0	–	–	–	0.0	–	–	–	–	8.9	–
157.0 30.0	–	0.0	–	–	–	0.0	–	–	–	–	6.3	–
157.0 35.0	–	9.6	–	–	–	0.0	–	–	–	–	16.3	–
157.0 45.0	–	6.3	–	–	–	0.0	–	–	–	–	14.4	–
157.0 50.0	–	0.0	–	–	–	3.2	–	–	–	–	9.2	–
157.0 55.0	–	9.0	–	–	–	0.0	–	–	–	–	0.0	–
157.0 60.0	–	0.0	–	–	–	3.0	–	–	–	–	0.0	–

Lestidiops ringens

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0 60.0	–	8.9	–	–	0.0	–	–	–	–	0.0	–	–
40.0 65.0	–	0.0	–	–	0.0	–	–	–	–	3.6	–	–
40.0 80.0	–	–	–	–	0.0	–	–	–	–	3.0	–	–
40.0 100.0	–	–	–	–	–	–	–	–	–	3.3	–	–
43.0 70.0	–	13.3	–	–	–	–	0.0	–	–	–	–	–
47.0 70.0	–	28.2	–	–	–	–	0.0	–	–	–	–	–
47.0 80.0	–	0.0	–	–	–	–	6.4	–	–	–	–	–
50.0 55.0	–	0.0	–	–	0.0	–	0.0	–	–	–	2.7	–
50.0 65.0	–	0.0	–	–	0.0	–	0.0	–	–	–	3.2	–
50.0 70.0	–	0.0	–	–	0.0	–	0.0	–	–	–	3.2	–
50.0 80.0	–	0.0	–	–	0.0	–	6.2	–	–	–	0.0	–
50.0 100.0	–	–	–	–	3.5	–	–	–	–	–	3.1	–
60.0 60.0	–	0.0	0.0	0.0	–	–	0.0	–	–	–	9.6	–

TABLE 4. (cont.)

Lestidiops ringens (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 90.0	–	–	0.0	3.4	–	–	0.0	–	–	–	0.0	–
60.0 100.0	–	–	–	0.0	–	–	–	–	–	–	3.2	–
63.0 60.0	0.0	3.3	0.0	–	–	–	0.0	–	–	–	–	–
63.0 80.0	–	–	6.0	–	–	–	0.0	–	–	–	–	–
63.0 90.0	–	–	1.6	–	–	–	6.9	–	–	–	–	–
67.0 80.0	–	–	1.6	–	–	–	0.0	–	–	–	–	–
70.0 51.0	3.1	0.0	–	0.0	–	–	0.0	–	–	–	0.0	–
70.0 60.0	0.0	0.0	0.0	0.0	–	–	0.0	–	–	–	2.9	–
70.0 65.0	–	3.4	6.3	0.0	–	–	0.0	–	–	–	0.0	–
70.0 80.0	10.5	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–
70.0 90.0	0.0	0.0	1.5	0.0	–	–	0.0	–	–	–	0.0	–
73.0 65.0	0.0	0.0	1.5	–	–	–	–	–	–	–	–	–
73.0 80.0	0.0	0.0	8.2	–	–	–	–	–	–	–	–	–
77.0 60.0	0.0	3.3	0.0	–	–	–	0.0	–	–	–	–	–
80.0 52.0	0.0	3.5	0.0	0.0	–	–	0.0	–	–	0.0	–	–
80.0 70.0	0.0	0.0	3.1	0.0	–	–	0.0	–	–	–	0.0	–
80.0 90.0	0.0	4.1	0.0	0.0	–	–	0.0	–	–	–	3.1	–
83.0 60.0	3.5	0.0	0.0	–	–	–	0.0	–	–	–	–	–
83.0 70.0	0.0	0.0	3.1	–	–	–	0.0	–	–	–	–	–
83.0 75.0	–	–	–	–	–	–	2.9	–	–	–	–	–
83.0 80.0	0.0	3.6	0.0	–	–	–	0.0	–	–	–	–	–
87.0 55.0	0.0	0.0	3.4	–	–	–	0.0	–	–	–	–	–
87.0 60.0	0.0	0.0	3.3	–	–	–	0.0	–	–	–	–	–
87.0 70.0	–	5.8	0.0	–	–	–	0.0	–	–	–	–	–
87.0 80.0	3.5	0.0	0.0	–	–	–	0.0	–	–	–	–	–
87.0 90.0	–	0.0	0.0	–	–	–	2.9	–	–	–	–	–
90.0 53.0	0.0	0.0	0.0	0.0	–	–	0.0	–	3.1	–	–	–
90.0 60.0	0.0	3.2	0.0	0.0	–	–	0.0	–	–	–	–	–
90.0 70.0	0.0	0.0	6.4	0.0	–	–	0.0	–	3.0	–	–	–
90.0 90.0	2.5	0.0	0.0	0.0	–	–	0.0	–	0.0	–	–	–
93.0 30.0	2.7	0.0	0.0	–	–	–	0.0	–	–	–	–	–
93.0 50.0	–	0.0	3.2	–	–	–	0.0	–	–	–	–	–
93.0 55.0	–	9.7	0.0	–	–	–	0.0	–	–	–	–	–
93.0 80.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
97.0 32.0	0.0	3.0	0.0	–	–	–	0.0	–	–	–	–	–
97.0 50.0	0.0	3.0	0.0	–	–	–	0.0	–	–	–	–	–
100.0 50.0	2.7	0.0	0.0	–	0.0	–	12.9	–	–	0.0	–	–
100.0 60.0	0.0	0.0	6.3	–	0.0	–	0.0	–	–	0.0	–	–
100.0 70.0	0.0	0.0	0.0	–	3.0	–	0.0	–	–	0.0	–	–
100.0 80.0	0.0	0.0	0.0	–	0.0	–	6.0	–	–	0.0	–	–
100.0 90.0	0.0	0.0	2.9	–	0.0	–	5.5	–	–	0.0	–	–
103.0 45.0	6.3	0.0	0.0	–	–	–	0.0	–	–	–	–	–
103.0 55.0	–	2.8	–	–	–	–	–	–	–	–	–	–
103.0 70.0	2.9	2.7	0.0	–	–	–	0.0	–	–	–	–	–
103.0 80.0	0.0	0.0	0.0	–	–	–	2.9	–	–	–	–	–
107.0 80.0	0.0	8.9	0.0	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Lestidiops ringens (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0 36.0	3.3	–	–	–	–	–	–	–	–	–	–	–
110.0 40.0	0.0	0.0	0.0	–	2.5	–	0.0	–	–	0.0	–	–
110.0 80.0	0.0	3.1	9.7	–	3.1	–	5.7	–	–	0.0	–	–
113.0 45.0	0.0	8.8	0.0	–	–	–	7.9	–	–	–	–	–
113.0 50.0	3.3	0.0	3.3	–	–	–	0.0	–	–	–	–	–
113.0 80.0	0.0	0.0	3.2	–	–	–	0.0	–	–	–	–	–
117.0 80.0	0.0	0.0	0.0	–	–	–	6.1	–	–	–	–	–
120.0 70.0	0.0	3.2	0.0	–	0.0	–	0.0	–	–	0.0	–	–
123.0 60.0	0.0	3.3	0.0	–	–	–	0.0	–	–	–	–	–

Notolepis risso

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0 100.0	–	–	–	–	6.9	–	–	–	–	–	0.0	–
63.0 90.0	–	–	0.0	–	–	–	3.4	–	–	–	–	–
70.0 70.0	0.0	0.0	1.6	0.0	–	–	0.0	–	–	–	0.0	–
80.0 90.0	0.0	0.0	0.0	0.0	–	–	0.0	–	–	–	3.1	–
83.0 70.0	0.0	0.0	0.0	–	–	–	10.2	–	–	–	–	–
90.0 80.0	0.0	0.0	3.0	0.0	–	–	0.0	–	0.0	–	–	–
90.0 100.0	–	–	–	3.1	–	–	–	–	0.0	–	–	–
93.0 27.0	0.0	0.0	0.0	–	–	–	9.8	–	–	–	–	–
97.0 90.0	0.0	0.0	3.3	–	–	–	0.0	–	–	–	–	–
100.0 140.0	–	–	–	–	0.0	–	–	–	–	5.7	–	–

Stemonosudis macrura

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0 90.0	–	–	–	–	–	6.1	–	–	–	–	0.0	–
150.0 100.0	–	–	–	–	–	0.0	–	–	–	–	2.9	–

Aulopus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
140.0 40.0	–	3.4	–	–	–	0.0	–	–	–	–	0.0	–
150.0 19.0	–	0.0	–	–	–	0.0	–	–	–	–	2.9	–
150.0 25.0	–	0.0	–	–	–	6.9	–	–	–	–	9.3	–
157.0 30.0	–	0.0	–	–	–	0.0	–	–	–	–	3.2	–
157.0 45.0	–	0.0	–	–	–	0.0	–	–	–	–	2.9	–

TABLE 4. (cont.)

Scopelosaurus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0 55.0	–	13.6	–	–	0.0	–	–	–	–	0.0	–	–
50.0 80.0	–	0.0	–	–	0.0	–	3.1	–	–	–	0.0	–
60.0 100.0	–	–	–	2.9	–	–	–	–	–	–	0.0	–
73.0 53.0	3.1	0.0	0.0	–	–	–	0.0	–	–	–	–	–
80.0 90.0	0.0	0.0	0.0	0.0	–	–	7.6	–	–	–	0.0	–
83.0 90.0	0.0	0.0	0.0	–	–	–	2.9	–	–	–	–	–
87.0 60.0	0.0	0.0	3.3	–	–	–	0.0	–	–	–	–	–
87.0 80.0	0.0	0.0	0.0	–	–	–	2.7	–	–	–	–	–
90.0 90.0	0.0	0.0	3.2	0.0	–	–	0.0	–	0.0	–	–	–
93.0 60.0	0.0	0.0	0.0	–	–	–	2.8	–	–	–	–	–
103.0 80.0	0.0	0.0	3.2	–	–	–	0.0	–	–	–	–	–

Benthalbella dentata

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 80.0	–	–	6.8	2.6	–	–	0.0	–	–	–	0.0	–
100.0 70.0	0.0	0.0	0.0	–	3.0	–	0.0	–	–	0.0	–	–
100.0 100.0	–	–	–	–	0.0	–	–	–	–	2.9	–	–
100.0 140.0	–	–	–	–	0.0	–	–	–	–	2.9	–	–
103.0 35.0	0.0	0.0	3.7	–	–	–	–	–	–	–	–	–

Rosenblattichthys volucris

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0 53.0	0.0	3.7	0.0	–	–	–	0.0	–	–	–	–	–
90.0 60.0	0.0	3.2	0.0	0.0	–	–	0.0	–	–	–	–	–
90.0 70.0	0.0	3.4	0.0	0.0	–	–	0.0	–	0.0	–	–	–
90.0 120.0	–	–	–	6.5	–	–	–	–	0.0	–	–	–
100.0 80.0	0.0	3.4	0.0	–	0.0	–	3.0	–	–	0.0	–	–
100.0 90.0	0.0	0.0	0.0	–	6.4	–	0.0	–	–	0.0	–	–
100.0 100.0	–	–	–	–	0.0	–	–	–	–	2.9	–	–
100.0 120.0	–	–	–	–	3.1	–	–	–	–	0.0	–	–
100.0 140.0	–	–	–	–	3.0	–	–	–	–	0.0	–	–
107.0 70.0	0.0	0.0	0.0	–	–	–	2.7	–	–	–	–	–
110.0 55.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.2	–	–
110.0 80.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.2	–	–
113.0 80.0	0.0	0.0	0.0	–	–	–	2.7	–	–	–	–	–
120.0 50.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	9.1	–	–

Scopelarchoides nicholsi

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0 25.0	–	0.0	–	–	–	3.5	–	–	–	–	0.0	–

TABLE 4. (cont.)

Scopelarchoides nicholsi (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0 45.0	–	16.7	–	–	–	0.0	–	–	–	–	0.0	–
150.0 55.0	–	6.9	–	–	–	0.0	–	–	–	–	0.0	–
157.0 10.0	–	0.0	–	–	–	0.0	–	–	–	–	14.9	–
157.0 15.0	–	0.0	–	–	–	0.0	–	–	–	–	6.1	–
157.0 20.0	–	0.0	–	–	–	0.0	–	–	–	–	6.2	–
157.0 25.0	–	3.2	–	–	–	0.0	–	–	–	–	3.0	–
157.0 40.0	–	0.0	–	–	–	0.0	–	–	–	–	3.1	–
157.0 45.0	–	3.2	–	–	–	3.3	–	–	–	–	2.9	–
157.0 50.0	–	0.0	–	–	–	9.6	–	–	–	–	3.1	–
157.0 55.0	–	3.0	–	–	–	0.0	–	–	–	–	0.0	–
157.0 60.0	–	0.0	–	–	–	0.0	–	–	–	–	3.0	–

Scopelarchus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0 120.0	–	–	–	–	–	–	–	–	–	–	3.4	–
43.0 65.0	–	0.0	–	–	–	–	12.7	–	–	–	–	–
63.0 80.0	–	–	1.6	–	–	–	0.0	–	–	–	–	–
80.0 70.0	0.0	0.0	0.0	0.0	–	–	0.0	–	–	–	3.0	–
80.0 90.0	0.0	0.0	0.0	0.0	–	–	0.0	–	–	–	6.2	–
83.0 70.0	0.0	0.0	0.0	–	–	–	2.6	–	–	–	–	–
83.0 80.0	0.0	0.0	0.0	–	–	–	3.0	–	–	–	–	–
83.0 90.0	0.0	0.0	0.0	–	–	–	2.9	–	–	–	–	–
87.0 90.0	–	0.0	0.0	–	–	–	2.9	–	–	–	–	–
90.0 100.0	–	–	–	3.1	–	–	–	–	0.0	–	–	–
90.0 140.0	–	–	–	0.0	–	–	–	–	3.2	–	–	–
93.0 70.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
97.0 80.0	0.0	0.0	2.8	–	–	–	0.0	–	–	–	–	–
100.0 90.0	0.0	0.0	0.0	–	6.4	–	0.0	–	–	3.0	–	–
100.0 120.0	–	–	–	–	0.0	–	–	–	–	3.0	–	–
110.0 80.0	0.0	0.0	3.2	–	0.0	–	0.0	–	–	0.0	–	–
113.0 45.0	0.0	0.0	3.3	–	–	–	0.0	–	–	–	–	–
113.0 80.0	0.0	0.0	3.2	–	–	–	0.0	–	–	–	–	–
117.0 60.0	3.4	0.0	0.0	–	–	–	0.0	–	–	–	–	–
140.0 100.0	–	–	–	–	3.1	–	–	–	–	–	0.0	–
140.0 120.0	–	–	–	–	3.0	–	–	–	–	–	0.0	–
153.0 45.0	–	12.6	–	–	–	–	–	–	–	–	–	–
157.0 60.0	–	3.1	–	–	–	0.0	–	–	–	–	0.0	–

Myctophidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0 80.0	–	–	–	–	3.5	–	–	–	–	0.0	–	–
40.0 180.0	–	–	–	–	–	–	–	–	–	–	2.9	–

TABLE 4. (cont.)

Myctophidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
47.0	50.0	-	32.3	-	-	-	-	0.0	-	-	-	-	-
47.0	65.0	-	0.0	-	-	-	-	12.0	-	-	-	-	-
47.0	80.0	-	0.0	-	-	-	-	3.2	-	-	-	-	-
50.0	90.0	-	0.0	-	-	0.0	-	3.1	-	-	-	0.0	-
57.0	90.0	-	-	-	-	-	-	2.9	-	-	-	-	-
60.0	70.0	-	0.0	3.4	0.0	-	-	0.0	-	-	-	0.0	-
63.0	55.0	2.9	0.0	10.3	-	-	-	0.0	-	-	-	-	-
63.0	60.0	0.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
63.0	80.0	-	-	0.0	-	-	-	11.8	-	-	-	-	-
67.0	90.0	-	-	1.5	-	-	-	0.0	-	-	-	-	-
70.0	80.0	0.0	3.5	0.0	0.0	-	-	0.0	-	-	-	0.0	-
73.0	53.0	0.0	0.0	9.6	-	-	-	0.0	-	-	-	-	-
73.0	60.0	0.0	0.0	1.7	-	-	-	0.0	-	-	-	-	-
73.0	80.0	0.0	0.0	1.6	-	-	-	-	-	-	-	-	-
77.0	48.0	0.0	1.2	0.0	-	-	-	0.0	-	-	-	-	-
77.0	65.0	6.6	0.0	0.0	-	-	-	0.0	-	-	-	-	-
80.0	51.0	0.0	0.0	2.6	0.0	-	-	0.0	-	-	0.0	-	-
80.0	80.0	0.0	0.0	0.0	0.0	-	-	6.4	-	-	-	0.0	-
83.0	70.0	0.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
87.0	90.0	-	0.0	0.0	-	-	-	2.9	-	-	-	-	-
90.0	45.0	0.0	7.0	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	53.0	0.0	0.0	3.1	0.0	-	-	0.0	-	0.0	-	-	-
90.0	70.0	0.0	0.0	0.0	15.1	-	-	3.5	-	0.0	-	-	-
90.0	90.0	7.6	0.0	3.2	0.0	-	-	0.0	-	0.0	-	-	-
90.0	120.0	-	-	-	6.5	-	-	-	-	0.0	-	-	-
93.0	60.0	0.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
93.0	70.0	9.6	0.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0	80.0	0.0	0.0	0.0	-	-	-	4.3	-	-	-	-	-
93.0	90.0	0.0	0.0	6.7	-	-	-	0.0	-	-	-	-	-
93.0	100.0	-	0.0	-	-	-	-	5.7	-	-	-	-	-
100.0	29.0	0.0	0.0	0.0	-	9.8	-	0.0	-	-	0.0	-	-
100.0	40.0	0.0	0.0	0.0	-	6.6	-	25.1	-	-	0.0	-	-
100.0	50.0	0.0	0.0	0.0	-	0.0	-	12.9	-	-	0.0	-	-
100.0	60.0	0.0	3.3	3.1	-	0.0	-	0.0	-	-	0.0	-	-
100.0	70.0	0.0	0.0	0.0	-	3.0	-	0.0	-	-	0.0	-	-
100.0	80.0	0.0	0.0	3.0	-	0.0	-	3.0	-	-	0.0	-	-
100.0	90.0	6.4	0.0	8.8	-	3.2	-	16.5	-	-	0.0	-	-
100.0	140.0	-	-	-	-	5.9	-	-	-	-	0.0	-	-
103.0	70.0	0.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-
107.0	60.0	0.0	2.7	3.2	-	-	-	0.0	-	-	-	-	-
110.0	32.0	0.0	0.0	2.3	-	0.0	-	0.0	-	-	0.0	-	-
110.0	70.0	0.0	3.1	0.0	-	0.0	-	2.9	-	-	0.0	-	-
113.0	40.0	3.1	0.0	0.0	-	-	-	0.0	-	-	-	-	-
113.0	45.0	0.0	0.0	0.0	-	-	-	5.3	-	-	-	-	-
113.0	50.0	0.0	0.0	0.0	-	-	-	11.0	-	-	-	-	-
117.0	30.0	0.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Myctophidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	35.0	0.0	0.0	0.0	–	–	–	12.7	–	–	–	–	–
117.0	70.0	0.0	0.0	0.0	–	–	–	5.5	–	–	–	–	–
120.0	45.0	0.0	0.0	0.0	–	2.6	–	0.0	–	–	0.0	–	–
123.0	42.0	0.0	3.3	5.9	–	–	–	0.0	–	–	–	–	–
123.0	50.0	0.0	0.0	10.8	–	–	–	0.0	–	–	–	–	–
127.0	40.0	0.0	3.2	0.0	–	–	–	0.0	–	–	–	–	–
130.0	35.0	0.0	0.0	3.3	–	0.0	–	0.0	–	–	0.0	–	–
130.0	40.0	0.0	3.2	0.0	–	0.0	–	0.0	–	–	0.0	–	–
130.0	50.0	0.0	9.9	0.0	–	3.0	–	0.0	–	–	0.0	–	–
130.0	60.0	0.0	0.0	0.0	–	15.1	–	0.0	–	–	0.0	–	–
130.0	80.0	–	–	–	–	3.0	–	–	–	–	0.0	–	–
133.0	35.0	0.0	0.0	44.7	–	–	–	0.0	–	–	–	–	–
133.0	40.0	0.0	3.2	3.2	–	–	–	0.0	–	–	–	–	–
133.0	50.0	0.0	0.0	6.6	–	–	–	0.0	–	–	–	–	–
133.0	60.0	0.0	0.0	6.6	–	–	–	0.0	–	–	–	–	–
137.0	35.0	0.0	3.1	0.0	–	–	–	0.0	–	–	–	–	–
137.0	50.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
137.0	60.0	3.1	3.3	0.0	–	–	–	–	–	–	–	–	–
140.0	40.0	–	0.0	–	–	–	3.2	–	–	–	–	0.0	–
140.0	45.0	–	0.0	–	–	–	2.9	–	–	–	–	0.0	–
140.0	50.0	–	10.6	–	–	–	3.2	–	–	–	–	0.0	–
140.0	60.0	–	0.0	–	–	–	12.5	–	–	–	–	0.0	–
140.0	80.0	–	–	–	–	–	0.0	–	–	–	–	5.8	–
147.0	40.0	–	3.4	–	–	–	–	–	–	–	–	–	–
147.0	45.0	–	52.6	–	–	–	–	–	–	–	–	–	–
147.0	55.0	–	12.8	–	–	–	–	–	–	–	–	–	–
147.0	60.0	–	13.0	–	–	–	–	–	–	–	–	–	–
150.0	25.0	–	3.6	–	–	–	0.0	–	–	–	–	0.0	–
150.0	30.0	–	0.0	–	–	–	6.7	–	–	–	–	0.0	–
150.0	35.0	–	17.1	–	–	–	0.0	–	–	–	–	0.0	–
150.0	40.0	–	0.0	–	–	–	3.3	–	–	–	–	0.0	–
150.0	45.0	–	0.0	–	–	–	3.2	–	–	–	–	0.0	–
150.0	50.0	–	0.0	–	–	–	3.2	–	–	–	–	6.2	–
150.0	55.0	–	10.4	–	–	–	3.2	–	–	–	–	0.0	–
150.0	60.0	–	19.4	–	–	–	0.0	–	–	–	–	3.1	–
150.0	80.0	–	–	–	–	–	8.6	–	–	–	–	0.0	–
150.0	90.0	–	–	–	–	–	3.0	–	–	–	–	0.0	–
150.0	100.0	–	–	–	–	–	3.1	–	–	–	–	0.0	–
150.0	110.0	–	–	–	–	–	2.8	–	–	–	–	0.0	–
153.0	20.0	–	7.1	–	–	–	–	–	–	–	–	–	–
153.0	25.0	–	7.0	–	–	–	–	–	–	–	–	–	–
153.0	30.0	–	31.2	–	–	–	–	–	–	–	–	–	–
153.0	35.0	–	3.2	–	–	–	–	–	–	–	–	–	–
153.0	45.0	–	3.2	–	–	–	–	–	–	–	–	–	–
153.0	50.0	–	6.0	–	–	–	–	–	–	–	–	–	–
153.0	55.0	–	6.2	–	–	–	–	–	–	–	–	–	–

TABLE 4. (cont.)

Myctophidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
153.0 60.0	-	8.9	-	-	-	-	-	-	-	-	-	-
157.0 15.0	-	35.0	-	-	-	0.0	-	-	-	-	0.0	-
157.0 25.0	-	3.2	-	-	-	0.0	-	-	-	-	0.0	-
157.0 30.0	-	0.0	-	-	-	0.0	-	-	-	-	6.3	-
157.0 40.0	-	3.1	-	-	-	0.0	-	-	-	-	0.0	-
157.0 45.0	-	9.5	-	-	-	3.3	-	-	-	-	0.0	-
157.0 50.0	-	15.1	-	-	-	0.0	-	-	-	-	0.0	-
157.0 55.0	-	27.0	-	-	-	0.0	-	-	-	-	0.0	-
157.0 60.0	-	0.0	-	-	-	18.1	-	-	-	-	0.0	-

Bolinichthys spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0 80.0	0.0	0.0	0.0	-	-	-	2.6	-	-	-	-	-
100.0 140.0	-	-	-	-	0.0	-	-	-	-	5.7	-	-
140.0 90.0	-	-	-	-	5.6	-	-	-	-	-	0.0	-
140.0 120.0	-	-	-	-	3.0	-	-	-	-	-	8.6	-
150.0 30.0	-	0.0	-	-	-	0.0	-	-	-	-	3.0	-
150.0 40.0	-	0.0	-	-	-	0.0	-	-	-	-	6.0	-
150.0 70.0	-	-	-	-	-	0.0	-	-	-	-	2.9	-
150.0 90.0	-	-	-	-	-	3.0	-	-	-	-	0.0	-
150.0 100.0	-	-	-	-	-	0.0	-	-	-	-	8.7	-
150.0 110.0	-	-	-	-	-	5.6	-	-	-	-	0.0	-

Ceratoscopelus townsendi

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0 120.0	-	-	-	-	-	-	-	-	-	-	6.8	-
40.0 180.0	-	-	-	-	-	-	-	-	-	-	2.9	-
47.0 50.0	-	0.0	-	-	-	-	14.1	-	-	-	-	-
47.0 80.0	-	0.0	-	-	-	-	12.8	-	-	-	-	-
50.0 70.0	-	0.0	-	-	0.0	-	12.1	-	-	-	0.0	-
50.0 80.0	-	0.0	-	-	0.0	-	12.5	-	-	-	0.0	-
50.0 100.0	-	-	-	-	0.0	-	-	-	-	-	12.3	-
50.0 120.0	-	-	-	-	3.2	-	-	-	-	-	0.0	-
53.0 80.0	-	-	0.0	-	-	-	34.6	-	-	-	-	-
57.0 70.0	-	-	0.0	-	-	-	13.0	-	-	-	-	-
57.0 90.0	-	-	-	-	-	-	2.9	-	-	-	-	-
60.0 100.0	-	-	-	5.9	-	-	-	-	-	-	0.0	-
60.0 120.0	-	-	-	0.0	-	-	-	-	-	3.1	-	-
63.0 90.0	-	-	0.0	-	-	-	48.2	-	-	-	-	-
67.0 90.0	-	-	0.0	-	-	-	3.1	-	-	-	-	-
80.0 60.0	0.0	0.0	0.0	0.0	-	-	13.2	-	-	-	0.0	-
80.0 80.0	0.0	0.0	0.0	0.0	-	-	3.2	-	-	-	0.0	-

TABLE 4. (cont.)

Ceratoscopelus townsendi (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0 90.0	0.0	0.0	0.0	0.0	–	–	91.2	–	–	–	3.1	–
83.0 70.0	0.0	0.0	0.0	–	–	–	30.7	–	–	–	–	–
83.0 90.0	0.0	0.0	0.0	–	–	–	8.6	–	–	–	–	–
87.0 70.0	–	14.6	0.0	–	–	–	0.0	–	–	–	–	–
87.0 90.0	–	0.0	6.2	–	–	–	0.0	–	–	–	–	–
90.0 80.0	2.9	0.0	0.0	0.0	–	–	0.0	–	33.5	–	–	–
90.0 90.0	5.1	0.0	6.3	0.0	–	–	0.0	–	9.5	–	–	–
90.0 100.0	–	–	–	25.1	–	–	–	–	2.9	–	–	–
90.0 120.0	–	–	–	106.9	–	–	–	–	6.4	–	–	–
90.0 140.0	–	–	–	3.2	–	–	–	–	9.7	–	–	–
93.0 70.0	3.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–
93.0 100.0	–	2.8	–	–	–	–	8.6	–	–	–	–	–
93.0 110.0	–	6.0	–	–	–	–	–	–	–	–	–	–
93.0 120.0	–	0.0	–	–	–	–	2.9	–	–	–	–	–
97.0 70.0	0.0	0.0	3.3	–	–	–	0.0	–	–	–	–	–
97.0 80.0	0.0	0.0	0.0	–	–	–	5.3	–	–	–	–	–
100.0 80.0	0.0	0.0	0.0	–	0.0	–	15.1	–	–	0.0	–	–
100.0 90.0	0.0	0.0	0.0	–	9.6	–	5.5	–	–	6.1	–	–
100.0 100.0	–	–	–	–	3.0	–	–	–	–	22.9	–	–
100.0 120.0	–	–	–	–	6.2	–	–	–	–	3.0	–	–
100.0 140.0	–	–	–	–	29.6	–	–	–	–	17.2	–	–
103.0 45.0	0.0	0.0	0.0	–	–	–	10.8	–	–	–	–	–
103.0 60.0	0.0	0.0	3.0	–	–	–	11.2	–	–	–	–	–
103.0 80.0	0.0	0.0	0.0	–	–	–	14.5	–	–	–	–	–
110.0 50.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.3	–	–
110.0 80.0	0.0	3.1	0.0	–	0.0	–	2.8	–	–	0.0	–	–
113.0 60.0	0.0	0.0	0.0	–	–	–	2.5	–	–	–	–	–
113.0 80.0	0.0	2.8	0.0	–	–	–	0.0	–	–	–	–	–
117.0 70.0	0.0	0.0	0.0	–	–	–	2.8	–	–	–	–	–
117.0 80.0	0.0	0.0	0.0	–	–	–	6.1	–	–	–	–	–
120.0 80.0	0.0	0.0	0.0	–	8.5	–	17.6	–	–	0.0	–	–
130.0 60.0	0.0	0.0	0.0	–	0.0	–	2.6	–	–	0.0	–	–
137.0 35.0	0.0	3.1	0.0	–	–	–	0.0	–	–	–	–	–
140.0 120.0	–	–	–	–	106.6	–	–	–	–	–	5.7	–

Diaphus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0 60.0	–	0.0	–	–	25.0	–	–	–	–	0.0	–	–
40.0 70.0	–	–	–	–	0.0	–	–	–	–	5.9	–	–
40.0 80.0	–	–	–	–	3.5	–	–	–	–	0.0	–	–
40.0 90.0	–	–	–	–	32.5	–	–	–	–	0.0	–	–
43.0 45.0	–	0.0	–	–	–	–	26.4	–	–	–	–	–
43.0 50.0	–	0.0	–	–	–	–	49.4	–	–	–	–	–
43.0 55.0	–	0.0	–	–	–	–	47.7	–	–	–	–	–

TABLE 4. (cont.)

Diaphus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
43.0	60.0	–	0.0	–	–	–	–	63.4	–	–	–	–	–
43.0	65.0	–	0.0	–	–	–	–	127.2	–	–	–	–	–
43.0	70.0	–	0.0	–	–	–	–	19.7	–	–	–	–	–
47.0	55.0	–	0.0	–	–	–	–	79.9	–	–	–	–	–
47.0	65.0	–	0.0	–	–	–	–	24.0	–	–	–	–	–
47.0	70.0	–	0.0	–	–	–	–	11.9	–	–	–	–	–
47.0	80.0	–	0.0	–	–	–	–	28.9	–	–	–	–	–
50.0	50.0	–	0.0	–	–	0.0	–	29.0	–	–	–	0.0	–
50.0	55.0	–	0.0	–	–	0.0	–	34.0	–	–	–	0.0	–
50.0	60.0	–	0.0	–	–	0.0	–	44.5	–	–	–	0.0	–
50.0	65.0	–	0.0	–	–	0.0	–	42.5	–	–	–	0.0	–
50.0	80.0	–	0.0	–	–	0.0	–	15.6	–	–	–	0.0	–
50.0	90.0	–	0.0	–	–	0.0	–	21.4	–	–	–	0.0	–
50.0	120.0	–	–	–	–	9.5	–	–	–	–	–	0.0	–
53.0	65.0	–	–	0.0	–	–	–	16.8	–	–	–	–	–
53.0	80.0	–	–	0.0	–	–	–	23.0	–	–	–	–	–
53.0	90.0	–	–	–	–	–	–	3.1	–	–	–	–	–
57.0	60.0	–	–	0.0	–	–	–	14.5	–	–	–	–	–
57.0	80.0	–	–	0.0	–	–	–	12.3	–	–	–	–	–
57.0	90.0	–	–	–	–	–	–	17.5	–	–	–	–	–
60.0	65.0	–	0.0	0.0	0.0	–	–	39.1	–	–	–	0.0	–
60.0	70.0	–	0.0	0.0	0.0	–	–	12.7	–	–	–	0.0	–
60.0	90.0	–	–	0.0	0.0	–	–	11.8	–	–	–	0.0	–
60.0	100.0	–	–	–	8.8	–	–	–	–	–	–	0.0	–
63.0	65.0	–	0.0	0.0	–	–	–	37.6	–	–	–	–	–
63.0	70.0	–	0.0	0.0	–	–	–	37.1	–	–	–	–	–
63.0	80.0	–	–	0.0	–	–	–	58.8	–	–	–	–	–
63.0	90.0	–	–	0.0	–	–	–	44.7	–	–	–	–	–
67.0	50.0	0.0	0.0	0.0	–	–	–	48.3	–	–	–	–	–
67.0	65.0	–	0.0	0.0	–	–	–	13.6	–	–	–	–	–
67.0	70.0	–	0.0	0.0	–	–	–	26.6	–	–	–	–	–
67.0	80.0	–	–	0.0	–	–	–	51.8	–	–	–	–	–
67.0	90.0	–	–	0.0	–	–	–	27.7	–	–	–	–	–
70.0	53.0	0.0	0.0	0.0	0.0	–	–	13.0	–	–	–	0.0	–
70.0	60.0	0.0	0.0	0.0	0.0	–	–	13.6	–	–	–	0.0	–
70.0	80.0	0.0	0.0	0.0	0.0	–	–	35.2	–	–	–	0.0	–
70.0	90.0	0.0	0.0	0.0	0.0	–	–	13.7	–	–	–	0.0	–
73.0	50.0	–	0.0	0.0	–	–	–	7.1	–	–	–	–	–
73.0	60.0	0.0	0.0	0.0	–	–	–	9.0	–	–	–	–	–
77.0	51.0	0.0	0.0	0.0	–	–	–	8.4	–	–	–	–	–
77.0	55.0	0.0	0.0	0.0	–	–	–	11.6	–	–	–	–	–
77.0	70.0	0.0	0.0	0.0	–	–	–	10.1	–	–	–	–	–
80.0	60.0	0.0	0.0	0.0	0.0	–	–	39.5	–	–	–	0.0	–
80.0	80.0	0.0	0.0	0.0	0.0	–	–	6.4	–	–	–	0.0	–
80.0	90.0	0.0	0.0	0.0	3.3	–	–	79.8	–	–	–	0.0	–
83.0	43.0	0.0	3.3	–	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Diaphus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	60.0	0.0	0.0	0.0	-	-	-	77.3	-	-	-	-	-
83.0	70.0	0.0	0.0	0.0	-	-	-	10.2	-	-	-	-	-
83.0	75.0	-	-	-	-	-	-	28.7	-	-	-	-	-
83.0	90.0	0.0	0.0	0.0	-	-	-	5.7	-	-	-	-	-
87.0	70.0	-	5.8	0.0	-	-	-	29.5	-	-	-	-	-
87.0	80.0	0.0	0.0	0.0	-	-	-	35.6	-	-	-	-	-
87.0	90.0	-	0.0	0.0	-	-	-	2.9	-	-	-	-	-
90.0	60.0	0.0	0.0	0.0	0.0	-	-	30.7	-	-	-	-	-
90.0	70.0	0.0	0.0	0.0	0.0	-	-	3.5	-	0.0	-	-	-
90.0	80.0	0.0	0.0	0.0	27.2	-	-	8.6	-	3.3	-	-	-
90.0	120.0	-	-	-	3.2	-	-	-	-	0.0	-	-	-
90.0	140.0	-	-	-	0.0	-	-	-	-	9.7	-	-	-
93.0	60.0	0.0	0.0	0.0	-	-	-	19.5	-	-	-	-	-
93.0	70.0	0.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-
93.0	80.0	0.0	0.0	0.0	-	-	-	17.1	-	-	-	-	-
93.0	90.0	0.0	0.0	0.0	-	-	-	3.4	-	-	-	-	-
93.0	100.0	-	0.0	-	-	-	-	14.3	-	-	-	-	-
93.0	120.0	-	0.0	-	-	-	-	17.3	-	-	-	-	-
97.0	45.0	0.0	0.0	0.0	-	-	-	10.7	-	-	-	-	-
97.0	70.0	0.0	0.0	0.0	-	-	-	6.0	-	-	-	-	-
97.0	90.0	0.0	0.0	0.0	-	-	-	2.7	-	-	-	-	-
100.0	40.0	0.0	0.0	0.0	-	13.2	-	0.0	-	-	0.0	-	-
100.0	50.0	0.0	0.0	0.0	-	0.0	-	38.8	-	-	0.0	-	-
100.0	120.0	-	-	-	-	0.0	-	-	-	-	6.0	-	-
100.0	140.0	-	-	-	-	0.0	-	-	-	-	2.9	-	-
117.0	80.0	0.0	0.0	0.0	-	-	-	3.0	-	-	-	-	-
150.0	25.0	-	0.0	-	-	-	0.0	-	-	-	-	21.6	-
150.0	40.0	-	0.0	-	-	-	0.0	-	-	-	-	12.1	-
150.0	45.0	-	13.4	-	-	-	0.0	-	-	-	-	0.0	-
150.0	50.0	-	45.1	-	-	-	0.0	-	-	-	-	0.0	-
150.0	100.0	-	-	-	-	-	9.3	-	-	-	-	72.8	-
150.0	110.0	-	-	-	-	-	0.0	-	-	-	-	18.8	-
153.0	35.0	-	3.2	-	-	-	-	-	-	-	-	-	-
153.0	45.0	-	3.2	-	-	-	-	-	-	-	-	-	-
157.0	10.0	-	3.2	-	-	-	0.0	-	-	-	-	131.6	-
157.0	15.0	-	0.0	-	-	-	0.0	-	-	-	-	33.5	-
157.0	20.0	-	0.0	-	-	-	0.0	-	-	-	-	37.1	-
157.0	25.0	-	0.0	-	-	-	0.0	-	-	-	-	17.8	-
157.0	30.0	-	3.1	-	-	-	0.0	-	-	-	-	69.3	-
157.0	35.0	-	12.8	-	-	-	0.0	-	-	-	-	84.5	-
157.0	40.0	-	9.3	-	-	-	0.0	-	-	-	-	0.0	-
157.0	45.0	-	25.2	-	-	-	0.0	-	-	-	-	17.3	-
157.0	50.0	-	0.0	-	-	-	0.0	-	-	-	-	27.7	-
157.0	55.0	-	0.0	-	-	-	0.0	-	-	-	-	12.0	-
157.0	60.0	-	0.0	-	-	-	18.1	-	-	-	-	0.0	-

TABLE 4. (cont.)

Lampadena urophaos

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0 100.0	–	–	–	–	0.0	–	–	–	–	2.9	–	–
100.0 120.0	–	–	–	–	0.0	–	–	–	–	6.0	–	–
107.0 80.0	0.0	0.0	0.0	–	–	–	2.9	–	–	–	–	–
120.0 45.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–
120.0 50.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–
120.0 70.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–
120.0 80.0	0.0	0.0	0.0	–	0.0	–	2.9	–	–	15.1	–	–
140.0 90.0	–	–	–	–	19.6	–	–	–	–	–	0.0	–
140.0 100.0	–	–	–	–	3.1	–	–	–	–	–	3.0	–
140.0 120.0	–	–	–	–	26.6	–	–	–	–	–	2.8	–
150.0 110.0	–	–	–	–	–	2.8	–	–	–	–	0.0	–

Lampanyctus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
43.0 55.0	–	0.0	–	–	–	–	11.9	–	–	–	–	–
43.0 70.0	–	13.3	–	–	–	–	0.0	–	–	–	–	–
47.0 60.0	–	0.0	–	–	–	–	12.1	–	–	–	–	–
47.0 80.0	–	0.0	–	–	–	–	38.5	–	–	–	–	–
50.0 60.0	–	0.0	–	–	0.0	–	22.2	–	–	–	0.0	–
50.0 80.0	–	0.0	–	–	0.0	–	21.8	–	–	–	0.0	–
50.0 90.0	–	13.5	–	–	0.0	–	9.2	–	–	–	0.0	–
53.0 80.0	–	–	0.0	–	–	–	11.5	–	–	–	–	–
53.0 90.0	–	–	–	–	–	–	9.2	–	–	–	–	–
57.0 90.0	–	–	–	–	–	–	6.7	–	–	–	–	–
60.0 55.0	–	0.0	0.0	0.0	–	–	12.8	–	–	–	0.0	–
60.0 60.0	–	0.0	0.0	0.0	–	–	25.0	–	–	–	0.0	–
60.0 65.0	–	0.0	0.0	0.0	–	–	65.2	–	–	–	0.0	–
60.0 70.0	–	0.0	1.7	0.0	–	–	0.0	–	–	–	0.0	–
60.0 80.0	–	–	1.6	0.0	–	–	0.0	–	–	–	0.0	–
60.0 90.0	–	–	0.0	0.0	–	–	11.8	–	–	–	0.0	–
63.0 55.0	0.0	0.0	0.0	–	–	–	14.1	–	–	–	–	–
63.0 60.0	0.0	0.0	0.0	–	–	–	25.4	–	–	–	–	–
63.0 70.0	–	0.0	3.2	–	–	–	0.0	–	–	–	–	–
63.0 80.0	–	–	1.6	–	–	–	0.0	–	–	–	–	–
63.0 90.0	–	–	0.0	–	–	–	17.2	–	–	–	–	–
67.0 50.0	0.0	3.3	0.0	–	–	–	0.0	–	–	–	–	–
67.0 60.0	0.0	0.0	0.0	–	–	–	13.1	–	–	–	–	–
67.0 80.0	–	–	7.0	–	–	–	0.0	–	–	–	–	–
67.0 90.0	–	–	13.6	–	–	–	9.2	–	–	–	–	–
70.0 53.0	0.0	0.0	0.0	0.0	–	–	13.0	–	–	–	0.0	–
70.0 65.0	–	0.0	1.5	0.0	–	–	0.0	–	–	–	0.0	–
70.0 70.0	0.0	3.9	8.0	0.0	–	–	38.0	–	–	–	0.0	–
70.0 80.0	0.0	20.8	0.0	0.0	–	–	0.0	–	–	–	0.0	–
70.0 90.0	0.0	0.0	16.2	0.0	–	–	2.7	–	–	–	0.0	–

TABLE 4. (cont.)

Lampanyctus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	80.0	15.5	0.0	16.1	–	–	–	–	–	–	–	–	–
77.0	48.0	0.0	0.0	3.1	–	–	–	0.0	–	–	–	–	–
77.0	60.0	3.4	13.1	3.5	–	–	–	0.0	–	–	–	–	–
77.0	65.0	0.0	0.0	1.6	–	–	–	0.0	–	–	–	–	–
77.0	90.0	0.0	–	1.5	–	–	–	–	–	–	–	–	–
80.0	60.0	0.0	0.0	3.2	0.0	–	–	0.0	–	–	–	0.0	–
80.0	90.0	3.5	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–
83.0	55.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
83.0	75.0	–	–	–	–	–	–	34.4	–	–	–	–	–
83.0	80.0	3.7	0.0	14.9	–	–	–	12.2	–	–	–	–	–
83.0	90.0	6.8	0.0	0.0	–	–	–	0.0	–	–	–	–	–
87.0	33.0	0.0	0.0	2.8	–	–	–	0.0	–	–	–	–	–
87.0	50.0	0.0	0.0	6.4	–	–	–	–	–	–	–	–	–
87.0	55.0	16.5	0.0	3.4	–	–	–	0.0	–	–	–	–	–
90.0	60.0	0.0	0.0	14.5	0.0	–	–	0.0	–	–	–	–	–
90.0	70.0	0.0	3.4	0.0	0.0	–	–	0.0	–	0.0	–	–	–
90.0	80.0	0.0	18.2	0.0	0.0	–	–	5.8	–	3.3	–	–	–
90.0	90.0	5.1	0.0	0.0	0.0	–	–	3.2	–	0.0	–	–	–
90.0	100.0	–	–	–	0.0	–	–	–	–	2.9	–	–	–
90.0	120.0	–	–	–	6.5	–	–	–	–	3.2	–	–	–
90.0	140.0	–	–	–	9.6	–	–	–	–	3.2	–	–	–
93.0	35.0	0.0	0.0	6.3	–	–	–	0.0	–	–	–	–	–
93.0	40.0	0.0	0.0	15.8	–	–	–	0.0	–	–	–	–	–
93.0	45.0	3.7	0.0	6.2	–	–	–	0.0	–	–	–	–	–
93.0	50.0	–	8.5	0.0	–	–	–	0.0	–	–	–	–	–
93.0	55.0	–	3.2	0.0	–	–	–	0.0	–	–	–	–	–
93.0	60.0	0.0	9.4	0.0	–	–	–	0.0	–	–	–	–	–
93.0	70.0	0.0	0.0	26.7	–	–	–	0.0	–	–	–	–	–
93.0	80.0	3.3	6.8	9.1	–	–	–	4.3	–	–	–	–	–
93.0	90.0	6.8	6.5	0.0	–	–	–	0.0	–	–	–	–	–
93.0	120.0	–	5.4	–	–	–	–	0.0	–	–	–	–	–
97.0	29.0	0.0	2.6	0.0	–	–	–	–	–	–	–	–	–
97.0	32.0	0.0	6.0	0.0	–	–	–	0.0	–	–	–	–	–
97.0	35.0	0.0	2.9	0.0	–	–	–	0.0	–	–	–	–	–
97.0	40.0	3.0	0.0	0.0	–	–	–	0.0	–	–	–	–	–
97.0	50.0	0.0	20.9	0.0	–	–	–	0.0	–	–	–	–	–
97.0	55.0	3.3	2.9	0.0	–	–	–	0.0	–	–	–	–	–
97.0	70.0	0.0	2.7	3.3	–	–	–	0.0	–	–	–	–	–
97.0	90.0	0.0	16.3	19.9	–	–	–	0.0	–	–	–	–	–
100.0	35.0	0.0	3.2	0.0	–	0.0	–	10.8	–	–	0.0	–	–
100.0	40.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	6.7	–	–
100.0	50.0	0.0	6.1	9.1	–	0.0	–	0.0	–	–	0.0	–	–
100.0	60.0	0.0	13.4	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	70.0	0.0	3.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–
100.0	80.0	0.0	3.4	0.0	–	0.0	–	0.0	–	–	3.1	–	–
100.0	90.0	3.2	6.3	2.9	–	0.0	–	0.0	–	–	0.0	–	–

TABLE 4. (cont.)

Lampanyctus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0 120.0	–	–	–	–	12.3	–	–	–	–	6.0	–	–
100.0 140.0	–	–	–	–	8.9	–	–	–	–	5.7	–	–
103.0 40.0	0.0	5.9	0.0	–	–	–	–	–	–	–	–	–
103.0 45.0	6.3	5.9	0.0	–	–	–	0.0	–	–	–	–	–
103.0 50.0	0.0	6.1	0.0	–	–	–	0.0	–	–	–	–	–
103.0 55.0	–	33.2	–	–	–	–	–	–	–	–	–	–
103.0 60.0	3.2	0.0	14.8	–	–	–	0.0	–	–	–	–	–
103.0 70.0	5.8	0.0	0.0	–	–	–	0.0	–	–	–	–	–
103.0 80.0	3.0	0.0	3.2	–	–	–	5.8	–	–	–	–	–
107.0 31.0	0.0	0.0	2.8	–	–	–	0.0	–	–	–	–	–
107.0 35.0	0.0	13.5	0.0	–	–	–	0.0	–	–	–	–	–
107.0 40.0	0.0	2.6	0.0	–	–	–	0.0	–	–	–	–	–
107.0 50.0	0.0	3.0	0.0	–	–	–	0.0	–	–	–	–	–
107.0 60.0	0.0	0.0	0.0	–	–	–	11.5	–	–	–	–	–
107.0 70.0	0.0	0.0	0.0	–	–	–	2.7	–	–	–	–	–
107.0 80.0	0.0	20.6	0.0	–	–	–	0.0	–	–	–	–	–
110.0 40.0	3.3	13.0	0.0	–	10.2	–	0.0	–	–	0.0	–	–
110.0 45.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	6.4	–	–
110.0 50.0	9.2	6.6	0.0	–	0.0	–	0.0	–	–	3.3	–	–
110.0 55.0	0.0	3.3	0.0	–	0.0	–	0.0	–	–	0.0	–	–
110.0 60.0	3.1	6.5	0.0	–	0.0	–	5.6	–	–	0.0	–	–
110.0 70.0	2.8	6.1	3.1	–	0.0	–	2.9	–	–	0.0	–	–
110.0 80.0	3.2	0.0	6.5	–	0.0	–	2.8	–	–	0.0	–	–
113.0 45.0	0.0	5.8	0.0	–	–	–	10.6	–	–	–	–	–
113.0 50.0	0.0	3.3	0.0	–	–	–	0.0	–	–	–	–	–
113.0 60.0	3.3	0.0	0.0	–	–	–	2.5	–	–	–	–	–
113.0 70.0	0.0	0.0	2.9	–	–	–	8.9	–	–	–	–	–
113.0 80.0	5.9	0.0	0.0	–	–	–	0.0	–	–	–	–	–
117.0 70.0	3.3	0.0	0.0	–	–	–	5.5	–	–	–	–	–
117.0 80.0	6.3	0.0	9.2	–	–	–	0.0	–	–	–	–	–
120.0 45.0	3.1	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
120.0 50.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–
120.0 70.0	0.0	0.0	42.3	–	0.0	–	5.7	–	–	0.0	–	–
120.0 80.0	0.0	0.0	0.0	–	0.0	–	5.9	–	–	0.0	–	–
123.0 36.0	0.0	2.8	0.0	–	–	–	0.0	–	–	–	–	–
127.0 50.0	0.0	0.0	0.0	–	–	–	2.9	–	–	–	–	–
130.0 50.0	0.0	6.6	0.0	–	0.0	–	0.0	–	–	5.7	–	–
130.0 80.0	–	–	–	–	0.0	–	–	–	–	20.9	–	–
130.0 90.0	–	–	–	–	73.3	–	–	–	–	5.3	–	–
133.0 35.0	0.0	0.0	6.4	–	–	–	0.0	–	–	–	–	–
133.0 40.0	6.8	3.2	9.5	–	–	–	0.0	–	–	–	–	–
133.0 50.0	0.0	13.1	0.0	–	–	–	0.0	–	–	–	–	–
133.0 60.0	0.0	3.1	6.6	–	–	–	0.0	–	–	–	–	–
137.0 35.0	21.3	0.0	0.0	–	–	–	0.0	–	–	–	–	–
137.0 40.0	22.3	6.5	3.2	–	–	–	0.0	–	–	–	–	–
137.0 50.0	3.3	0.0	12.0	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Lampanyctus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	60.0	12.5	10.1	6.7	–	–	–	–	–	–	–	–	–
140.0	30.0	–	0.0	–	–	–	0.0	–	–	–	–	5.8	–
140.0	35.0	–	3.2	–	–	–	0.0	–	–	–	–	17.9	–
140.0	40.0	–	13.5	–	–	–	0.0	–	–	–	–	2.9	–
140.0	45.0	–	0.0	–	–	–	0.0	–	–	–	–	14.8	–
140.0	50.0	–	14.2	–	–	–	6.3	–	–	–	–	2.9	–
140.0	55.0	–	6.9	–	–	–	3.2	–	–	–	–	2.9	–
140.0	60.0	–	7.1	–	–	–	0.0	–	–	–	–	2.8	–
140.0	70.0	–	–	–	–	–	5.6	–	–	–	–	20.5	–
140.0	80.0	–	–	–	–	–	24.4	–	–	–	–	11.7	–
140.0	90.0	–	–	–	–	47.6	–	–	–	–	–	0.0	–
140.0	100.0	–	–	–	–	12.3	–	–	–	–	–	6.0	–
140.0	120.0	–	–	–	–	38.5	–	–	–	–	–	8.6	–
143.0	40.0	–	6.4	–	–	–	–	–	–	–	–	–	–
143.0	45.0	–	15.1	–	–	–	–	–	–	–	–	–	–
143.0	50.0	–	6.5	–	–	–	–	–	–	–	–	–	–
143.0	55.0	–	10.0	–	–	–	–	–	–	–	–	–	–
143.0	60.0	–	10.8	–	–	–	–	–	–	–	–	–	–
147.0	35.0	–	22.0	–	–	–	–	–	–	–	–	–	–
147.0	40.0	–	13.7	–	–	–	–	–	–	–	–	–	–
147.0	45.0	–	6.6	–	–	–	–	–	–	–	–	–	–
147.0	50.0	–	3.1	–	–	–	–	–	–	–	–	–	–
147.0	55.0	–	6.4	–	–	–	–	–	–	–	–	–	–
147.0	60.0	–	3.3	–	–	–	–	–	–	–	–	–	–
150.0	25.0	–	0.0	–	–	–	31.2	–	–	–	–	30.9	–
150.0	30.0	–	20.2	–	–	–	20.2	–	–	–	–	27.1	–
150.0	35.0	–	3.4	–	–	–	0.0	–	–	–	–	54.5	–
150.0	40.0	–	13.6	–	–	–	0.0	–	–	–	–	9.1	–
150.0	45.0	–	23.4	–	–	–	22.5	–	–	–	–	33.8	–
150.0	50.0	–	38.6	–	–	–	3.2	–	–	–	–	0.0	–
150.0	55.0	–	51.8	–	–	–	6.5	–	–	–	–	2.9	–
150.0	60.0	–	48.5	–	–	–	0.0	–	–	–	–	0.0	–
150.0	70.0	–	–	–	–	–	3.2	–	–	–	–	0.0	–
150.0	80.0	–	–	–	–	–	8.6	–	–	–	–	6.1	–
150.0	90.0	–	–	–	–	–	12.2	–	–	–	–	9.4	–
150.0	100.0	–	–	–	–	–	6.2	–	–	–	–	5.8	–
150.0	110.0	–	–	–	–	–	30.8	–	–	–	–	6.3	–
153.0	20.0	–	3.5	–	–	–	–	–	–	–	–	–	–
153.0	30.0	–	13.9	–	–	–	–	–	–	–	–	–	–
153.0	35.0	–	16.1	–	–	–	–	–	–	–	–	–	–
153.0	40.0	–	13.3	–	–	–	–	–	–	–	–	–	–
153.0	45.0	–	25.3	–	–	–	–	–	–	–	–	–	–
153.0	50.0	–	6.0	–	–	–	–	–	–	–	–	–	–
153.0	55.0	–	12.5	–	–	–	–	–	–	–	–	–	–
153.0	60.0	–	6.0	–	–	–	–	–	–	–	–	–	–
157.0	10.0	–	0.0	–	–	–	2.9	–	–	–	–	6.0	–

TABLE 4. (cont.)

Lampanyctus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
157.0	20.0	-	6.4	-	-	-	12.7	-	-	-	-	12.4	-
157.0	25.0	-	12.8	-	-	-	0.0	-	-	-	-	5.9	-
157.0	30.0	-	21.6	-	-	-	0.0	-	-	-	-	12.6	-
157.0	35.0	-	16.0	-	-	-	0.0	-	-	-	-	6.5	-
157.0	40.0	-	12.4	-	-	-	0.0	-	-	-	-	9.4	-
157.0	45.0	-	28.4	-	-	-	23.3	-	-	-	-	11.5	-
157.0	50.0	-	15.1	-	-	-	19.3	-	-	-	-	3.1	-
157.0	55.0	-	21.0	-	-	-	0.0	-	-	-	-	9.0	-
157.0	60.0	-	9.2	-	-	-	9.1	-	-	-	-	3.0	-

Lampanyctus regalis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
47.0	55.0	-	0.0	-	-	-	-	13.3	-	-	-	-	-
47.0	80.0	-	0.0	-	-	-	-	3.2	-	-	-	-	-
50.0	55.0	-	0.0	-	-	0.0	-	11.3	-	-	-	0.0	-
53.0	70.0	-	-	0.0	-	-	-	14.2	-	-	-	-	-
57.0	60.0	-	-	0.0	-	-	-	29.0	-	-	-	-	-
60.0	90.0	-	-	0.0	0.0	-	-	17.7	-	-	-	0.0	-
63.0	55.0	0.0	0.0	6.6	-	-	-	0.0	-	-	-	-	-
63.0	60.0	0.0	0.0	0.0	-	-	-	12.7	-	-	-	-	-
63.0	70.0	-	0.0	5.9	-	-	-	0.0	-	-	-	-	-
63.0	80.0	-	-	0.0	-	-	-	11.8	-	-	-	-	-
67.0	60.0	0.0	0.0	0.0	-	-	-	13.1	-	-	-	-	-
67.0	65.0	-	0.0	0.0	-	-	-	54.4	-	-	-	-	-
67.0	90.0	-	-	0.0	-	-	-	3.1	-	-	-	-	-
70.0	60.0	0.0	0.0	0.0	0.0	-	-	13.6	-	-	-	0.0	-
70.0	70.0	0.0	0.0	0.0	0.0	-	-	12.7	-	-	-	0.0	-
77.0	70.0	0.0	0.0	0.0	-	-	-	30.2	-	-	-	-	-
80.0	70.0	0.0	0.0	0.0	0.0	-	-	11.5	-	-	-	0.0	-
87.0	80.0	0.0	0.0	0.0	-	-	-	8.2	-	-	-	-	-
90.0	70.0	0.0	0.0	0.0	0.0	-	-	7.1	-	0.0	-	-	-
90.0	80.0	0.0	0.0	0.0	0.0	-	-	2.9	-	0.0	-	-	-
93.0	60.0	0.0	3.1	0.0	-	-	-	5.6	-	-	-	-	-
93.0	100.0	-	0.0	-	-	-	-	2.9	-	-	-	-	-
103.0	60.0	3.2	0.0	0.0	-	-	-	0.0	-	-	-	-	-
120.0	80.0	0.0	0.0	0.0	-	2.8	-	0.0	-	-	0.0	-	-

Lampanyctus ritteri

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	55.0	-	0.0	-	-	3.3	-	-	-	-	0.0	-	-
40.0	60.0	-	0.0	-	-	3.6	-	-	-	-	2.9	-	-
40.0	65.0	-	0.0	-	-	3.7	-	-	-	-	3.6	-	-

TABLE 4. (cont.)

Lampanyctus ritteri (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0 70.0	-	-	-	-	0.0	-	-	-	-	2.9	-	-
40.0 80.0	-	-	-	-	3.5	-	-	-	-	0.0	-	-
40.0 90.0	-	-	-	-	4.1	-	-	-	-	0.0	-	-
40.0 100.0	-	-	-	-	-	-	-	-	-	6.7	-	-
43.0 70.0	-	0.0	-	-	-	-	6.6	-	-	-	-	-
47.0 55.0	-	0.0	-	-	-	-	26.6	-	-	-	-	-
50.0 100.0	-	-	-	-	3.5	-	-	-	-	-	0.0	-
50.0 120.0	-	-	-	-	12.7	-	-	-	-	-	0.0	-
53.0 52.0	-	-	13.9	-	-	-	0.0	-	-	-	-	-
60.0 52.0	-	0.0	0.0	0.0	-	-	16.5	-	-	-	0.0	-
60.0 60.0	-	0.0	9.1	0.0	-	-	0.0	-	-	-	0.0	-
60.0 70.0	-	6.7	0.0	0.0	-	-	0.0	-	-	-	3.3	-
60.0 80.0	-	-	0.0	2.6	-	-	12.8	-	-	-	0.0	-
60.0 100.0	-	-	-	14.7	-	-	-	-	-	-	0.0	-
63.0 65.0	-	0.0	0.0	-	-	-	12.5	-	-	-	-	-
63.0 70.0	-	0.0	17.6	-	-	-	0.0	-	-	-	-	-
63.0 90.0	-	-	10.9	-	-	-	0.0	-	-	-	-	-
67.0 50.0	0.0	0.0	0.0	-	-	-	24.2	-	-	-	-	-
67.0 55.0	2.6	0.0	0.0	-	-	-	0.0	-	-	-	-	-
67.0 60.0	0.0	20.4	0.0	-	-	-	0.0	-	-	-	-	-
67.0 80.0	-	-	7.0	-	-	-	0.0	-	-	-	-	-
67.0 90.0	-	-	9.3	-	-	-	0.0	-	-	-	-	-
70.0 60.0	9.5	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0 65.0	-	17.1	0.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0 70.0	3.7	0.0	0.0	0.0	-	-	0.0	-	-	-	2.6	-
70.0 80.0	0.0	6.9	0.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0 90.0	0.0	6.2	0.0	2.8	-	-	0.0	-	-	-	0.0	-
73.0 53.0	0.0	3.7	0.0	-	-	-	0.0	-	-	-	-	-
73.0 60.0	0.0	0.0	1.7	-	-	-	0.0	-	-	-	-	-
73.0 65.0	0.0	3.2	6.2	-	-	-	-	-	-	-	-	-
73.0 70.0	6.8	0.0	7.0	-	-	-	-	-	-	-	-	-
73.0 90.0	0.0	29.1	70.7	-	-	-	-	-	-	-	-	-
77.0 48.0	0.0	3.5	0.0	-	-	-	0.0	-	-	-	-	-
77.0 51.0	0.0	3.4	0.0	-	-	-	16.9	-	-	-	-	-
77.0 55.0	0.0	4.2	0.0	-	-	-	23.3	-	-	-	-	-
77.0 65.0	0.0	15.9	19.9	-	-	-	0.0	-	-	-	-	-
77.0 80.0	0.0	0.0	10.4	-	-	-	-	-	-	-	-	-
77.0 90.0	0.0	-	39.5	-	-	-	-	-	-	-	-	-
80.0 51.0	0.0	12.6	0.0	0.0	-	-	0.0	-	-	0.0	-	-
80.0 52.0	7.4	10.4	0.0	0.0	-	-	0.0	-	-	0.0	-	-
80.0 55.0	0.0	0.0	0.0	3.3	-	-	0.0	-	-	-	0.0	-
80.0 60.0	0.0	0.0	34.8	0.0	-	-	13.2	-	-	-	0.0	-
80.0 70.0	0.0	0.0	9.2	0.0	-	-	0.0	-	-	-	3.0	-
80.0 90.0	0.0	0.0	0.0	26.6	-	-	0.0	-	-	-	3.1	-
83.0 55.0	5.2	0.0	0.0	-	-	-	0.0	-	-	-	-	-
83.0 60.0	3.5	0.0	0.0	-	-	-	25.8	-	-	-	-	-

TABLE 4. (cont.)

Lampanyctus ritteri (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	70.0	0.0	0.0	6.3	-	-	-	30.7	-	-	-	-	-
83.0	90.0	0.0	0.0	0.0	-	-	-	5.7	-	-	-	-	-
87.0	45.0	6.1	0.0	0.0	-	-	-	0.0	-	-	-	-	-
87.0	50.0	5.4	0.0	0.0	-	-	-	-	-	-	-	-	-
87.0	55.0	0.0	0.0	13.6	-	-	-	0.0	-	-	-	-	-
87.0	60.0	11.5	8.0	19.9	-	-	-	0.0	-	-	-	-	-
87.0	70.0	-	11.6	22.6	-	-	-	3.0	-	-	-	-	-
87.0	80.0	0.0	5.2	12.3	-	-	-	0.0	-	-	-	-	-
87.0	90.0	-	3.1	15.4	-	-	-	20.5	-	-	-	-	-
90.0	28.0	0.0	0.0	0.0	0.0	-	-	0.0	-	3.4	-	-	-
90.0	45.0	0.0	3.5	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	53.0	7.4	0.0	0.0	0.0	-	-	0.0	-	12.4	-	-	-
90.0	60.0	0.0	3.2	0.0	11.9	-	-	7.7	-	-	-	-	-
90.0	70.0	6.5	17.1	12.9	24.2	-	-	7.1	-	0.0	-	-	-
90.0	80.0	0.0	0.0	90.3	12.1	-	-	11.5	-	0.0	-	-	-
90.0	90.0	0.0	0.0	25.2	6.9	-	-	0.0	-	0.0	-	-	-
90.0	100.0	-	-	-	9.4	-	-	-	-	0.0	-	-	-
90.0	120.0	-	-	-	42.1	-	-	-	-	0.0	-	-	-
93.0	27.0	0.0	0.0	0.0	-	-	-	19.5	-	-	-	-	-
93.0	30.0	0.0	0.0	0.0	-	-	-	11.8	-	-	-	-	-
93.0	50.0	-	0.0	38.5	-	-	-	0.0	-	-	-	-	-
93.0	55.0	-	3.2	16.6	-	-	-	0.0	-	-	-	-	-
93.0	60.0	0.0	0.0	28.0	-	-	-	8.3	-	-	-	-	-
93.0	70.0	0.0	2.7	0.0	-	-	-	0.0	-	-	-	-	-
93.0	90.0	0.0	9.7	0.0	-	-	-	0.0	-	-	-	-	-
93.0	100.0	-	0.0	-	-	-	-	45.9	-	-	-	-	-
93.0	120.0	-	0.0	-	-	-	-	8.6	-	-	-	-	-
97.0	40.0	0.0	3.9	3.3	-	-	-	0.0	-	-	-	-	-
97.0	45.0	0.0	3.9	0.0	-	-	-	10.7	-	-	-	-	-
97.0	50.0	0.0	0.0	6.7	-	-	-	23.5	-	-	-	-	-
97.0	55.0	0.0	0.0	13.8	-	-	-	0.0	-	-	-	-	-
97.0	60.0	0.0	34.2	8.4	-	-	-	0.0	-	-	-	-	-
97.0	70.0	2.9	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	80.0	0.0	14.9	5.5	-	-	-	7.9	-	-	-	-	-
97.0	90.0	9.2	0.0	19.9	-	-	-	19.0	-	-	-	-	-
100.0	29.0	0.0	0.0	0.0	-	3.3	-	0.0	-	-	0.0	-	-
100.0	30.0	0.0	0.0	0.0	-	3.3	-	0.0	-	-	0.0	-	-
100.0	40.0	0.0	0.0	0.0	-	6.6	-	0.0	-	-	0.0	-	-
100.0	50.0	0.0	0.0	9.1	-	11.0	-	25.8	-	-	7.3	-	-
100.0	60.0	0.0	0.0	25.0	-	12.1	-	0.0	-	-	0.0	-	-
100.0	70.0	0.0	0.0	3.2	-	36.2	-	2.9	-	-	0.0	-	-
100.0	80.0	0.0	0.0	9.1	-	20.0	-	21.1	-	-	0.0	-	-
100.0	90.0	0.0	0.0	0.0	-	9.6	-	2.8	-	-	9.1	-	-
103.0	45.0	0.0	0.0	0.0	-	-	-	21.5	-	-	-	-	-
103.0	50.0	6.4	0.0	0.0	-	-	-	11.5	-	-	-	-	-
103.0	55.0	-	5.5	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Lampanyctus ritteri (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0 60.0	0.0	8.6	0.0	–	–	–	0.0	–	–	–	–	–
103.0 70.0	0.0	5.4	22.5	–	–	–	2.8	–	–	–	–	–
107.0 35.0	0.0	0.0	7.2	–	–	–	0.0	–	–	–	–	–
107.0 50.0	0.0	0.0	26.8	–	–	–	0.0	–	–	–	–	–
107.0 60.0	0.0	27.0	9.7	–	–	–	0.0	–	–	–	–	–
107.0 70.0	0.0	5.7	3.3	–	–	–	0.0	–	–	–	–	–
110.0 45.0	0.0	0.0	12.8	–	10.1	–	0.0	–	–	0.0	–	–
110.0 50.0	0.0	0.0	12.4	–	0.0	–	0.0	–	–	0.0	–	–
110.0 55.0	0.0	0.0	0.0	–	3.1	–	0.0	–	–	6.4	–	–
110.0 60.0	3.1	0.0	0.0	–	6.7	–	0.0	–	–	0.0	–	–
110.0 70.0	0.0	0.0	3.1	–	0.0	–	0.0	–	–	3.0	–	–
110.0 80.0	0.0	6.3	0.0	–	3.1	–	0.0	–	–	0.0	–	–
113.0 40.0	0.0	2.9	0.0	–	–	–	0.0	–	–	–	–	–
113.0 60.0	0.0	0.0	3.2	–	–	–	0.0	–	–	–	–	–
113.0 80.0	0.0	5.6	0.0	–	–	–	0.0	–	–	–	–	–
117.0 60.0	0.0	0.0	6.4	–	–	–	0.0	–	–	–	–	–
117.0 70.0	0.0	0.0	13.6	–	–	–	2.8	–	–	–	–	–
117.0 80.0	0.0	10.9	0.0	–	–	–	15.1	–	–	–	–	–
118.0 39.0	–	0.0	0.0	–	–	–	12.6	–	–	–	–	–
120.0 30.0	0.0	0.0	0.0	–	2.6	–	0.0	–	–	0.0	–	–
120.0 50.0	0.0	0.0	0.0	–	2.8	–	0.0	–	–	0.0	–	–
120.0 60.0	3.1	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
120.0 70.0	0.0	12.6	0.0	–	0.0	–	0.0	–	–	0.0	–	–
123.0 60.0	0.0	3.3	0.0	–	–	–	0.0	–	–	–	–	–

Notolychnus valdiviae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0 90.0	0.0	0.0	0.0	0.0	–	–	0.0	–	–	–	3.1	–
83.0 70.0	0.0	0.0	0.0	–	–	–	2.6	–	–	–	–	–
90.0 120.0	–	–	–	3.2	–	–	–	–	0.0	–	–	–
90.0 140.0	–	–	–	0.0	–	–	–	–	3.2	–	–	–
93.0 80.0	3.3	0.0	0.0	–	–	–	0.0	–	–	–	–	–
100.0 120.0	–	–	–	–	0.0	–	–	–	–	3.0	–	–
100.0 140.0	–	–	–	–	0.0	–	–	–	–	20.1	–	–

Notoscopelus resplendens

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0 65.0	–	0.0	0.0	–	–	–	12.5	–	–	–	–	–
90.0 90.0	2.5	0.0	0.0	0.0	–	–	0.0	–	0.0	–	–	–
97.0 90.0	0.0	0.0	0.0	–	–	–	2.7	–	–	–	–	–
100.0 140.0	–	–	–	–	0.0	–	–	–	–	2.9	–	–
103.0 60.0	0.0	0.0	0.0	–	–	–	11.2	–	–	–	–	–

TABLE 4. (cont.)

Notoscopelus resplendens (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	50.0	0.0	0.0	0.0	–	3.2	–	0.0	–	–	0.0	–	–
110.0	80.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.2	–	–
140.0	90.0	–	–	–	–	2.8	–	–	–	–	–	0.0	–
140.0	120.0	–	–	–	–	35.5	–	–	–	–	–	0.0	–

Stenobrachius leucopsarus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	–	10.0	–	–	3.1	–	–	–	–	0.0	–	–
40.0	40.0	–	10.2	–	–	0.0	–	–	–	–	0.0	–	–
40.0	45.0	–	36.2	–	–	0.0	–	–	–	–	0.0	–	–
40.0	50.0	–	452.6	–	–	0.0	–	–	–	–	0.0	–	–
40.0	55.0	–	393.2	–	–	39.1	–	–	–	–	0.0	–	–
40.0	60.0	–	319.7	–	–	28.6	–	–	–	–	0.0	–	–
40.0	65.0	–	63.0	–	–	11.0	–	–	–	–	0.0	–	–
40.0	70.0	–	–	–	–	4.6	–	–	–	–	0.0	–	–
40.0	80.0	–	–	–	–	97.4	–	–	–	–	0.0	–	–
40.0	90.0	–	–	–	–	12.2	–	–	–	–	0.0	–	–
43.0	42.0	–	36.4	–	–	–	–	0.0	–	–	–	–	–
43.0	45.0	–	25.7	–	–	–	–	0.0	–	–	–	–	–
43.0	50.0	–	12.7	–	–	–	–	0.0	–	–	–	–	–
43.0	55.0	–	188.2	–	–	–	–	0.0	–	–	–	–	–
43.0	60.0	–	122.4	–	–	–	–	0.0	–	–	–	–	–
43.0	65.0	–	233.6	–	–	–	–	0.0	–	–	–	–	–
43.0	70.0	–	119.5	–	–	–	–	0.0	–	–	–	–	–
47.0	50.0	–	365.8	–	–	–	–	0.0	–	–	–	–	–
47.0	55.0	–	107.8	–	–	–	–	0.0	–	–	–	–	–
47.0	60.0	–	80.4	–	–	–	–	36.2	–	–	–	–	–
47.0	65.0	–	77.3	–	–	–	–	36.0	–	–	–	–	–
47.0	70.0	–	56.3	–	–	–	–	0.0	–	–	–	–	–
47.0	80.0	–	406.1	–	–	–	–	0.0	–	–	–	–	–
50.0	47.0	–	26.6	–	–	6.0	–	0.0	–	–	–	0.0	–
50.0	50.0	–	31.0	–	–	0.0	–	0.0	–	–	–	0.0	–
50.0	55.0	–	13.5	–	–	24.7	–	0.0	–	–	–	0.0	–
50.0	60.0	–	78.5	–	–	2.9	–	0.0	–	–	–	0.0	–
50.0	65.0	–	97.9	–	–	0.0	–	0.0	–	–	–	0.0	–
50.0	70.0	–	12.2	–	–	0.0	–	0.0	–	–	–	0.0	–
50.0	80.0	–	12.4	–	–	5.9	–	0.0	–	–	–	0.0	–
50.0	90.0	–	13.5	–	–	0.0	–	0.0	–	–	–	0.0	–
50.0	100.0	–	–	–	–	3.5	–	–	–	–	–	0.0	–
53.0	52.0	–	–	83.3	–	–	–	0.0	–	–	–	–	–
53.0	55.0	–	–	199.2	–	–	–	0.0	–	–	–	–	–
53.0	60.0	–	–	14.8	–	–	–	13.1	–	–	–	–	–
53.0	65.0	–	–	228.0	–	–	–	0.0	–	–	–	–	–
53.0	70.0	–	–	116.8	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Stenobrachius leucopsarus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
53.0	80.0	-	-	34.7	-	-	-	0.0	-	-	-	-	-
57.0	51.0	-	-	396.7	-	-	-	-	-	-	-	-	-
57.0	55.0	-	-	545.4	-	-	-	0.0	-	-	-	-	-
57.0	60.0	-	-	0.0	-	-	-	14.5	-	-	-	-	-
57.0	65.0	-	-	16.7	-	-	-	0.0	-	-	-	-	-
57.0	70.0	-	-	58.9	-	-	-	0.0	-	-	-	-	-
57.0	80.0	-	-	139.5	-	-	-	0.0	-	-	-	-	-
60.0	50.0	-	0.0	5.3	3.3	-	-	0.0	-	-	-	0.0	-
60.0	52.0	-	10.4	1.6	0.0	-	-	0.0	-	-	-	0.0	-
60.0	55.0	-	88.0	97.5	0.0	-	-	12.8	-	-	-	0.0	-
60.0	60.0	-	40.4	271.6	3.9	-	-	0.0	-	-	-	0.0	-
60.0	65.0	-	111.6	287.1	0.0	-	-	0.0	-	-	-	0.0	-
60.0	70.0	-	50.0	16.8	0.0	-	-	0.0	-	-	-	0.0	-
60.0	80.0	-	-	92.1	5.1	-	-	12.8	-	-	-	0.0	-
60.0	90.0	-	-	17.3	10.2	-	-	14.8	-	-	-	0.0	-
60.0	100.0	-	-	-	2.9	-	-	-	-	-	-	0.0	-
63.0	52.0	-	14.9	0.0	-	-	-	0.0	-	-	-	-	-
63.0	55.0	25.7	31.0	120.5	-	-	-	0.0	-	-	-	-	-
63.0	60.0	117.4	32.5	52.9	-	-	-	0.0	-	-	-	-	-
63.0	65.0	-	129.9	32.0	-	-	-	0.0	-	-	-	-	-
63.0	70.0	-	0.0	46.4	-	-	-	0.0	-	-	-	-	-
63.0	80.0	-	-	35.7	-	-	-	0.0	-	-	-	-	-
63.0	90.0	-	-	4.7	-	-	-	0.0	-	-	-	-	-
67.0	48.0	-	8.2	0.0	-	-	-	0.0	-	-	-	-	-
67.0	50.0	82.6	616.6	17.1	-	-	-	24.2	-	-	-	-	-
67.0	55.0	41.1	37.2	116.5	-	-	-	0.0	-	-	-	-	-
67.0	60.0	29.5	282.3	125.8	-	-	-	26.2	-	-	-	-	-
67.0	65.0	-	52.0	24.9	-	-	-	0.0	-	-	-	-	-
67.0	70.0	-	52.5	24.2	-	-	-	13.3	-	-	-	-	-
67.0	80.0	-	-	22.1	-	-	-	0.0	-	-	-	-	-
70.0	51.0	90.8	44.8	-	8.3	-	-	0.0	-	-	-	0.0	-
70.0	53.0	111.5	140.2	90.1	3.1	-	-	0.0	-	-	-	0.0	-
70.0	55.0	-	-	12.6	-	-	-	-	-	-	-	-	-
70.0	60.0	37.8	124.4	344.0	0.0	-	-	0.0	-	-	-	2.9	-
70.0	65.0	-	160.3	907.3	8.7	-	-	0.0	-	-	-	0.0	-
70.0	70.0	48.6	98.0	220.6	12.9	-	-	0.0	-	-	-	0.0	-
70.0	80.0	7.0	3.5	13.2	11.6	-	-	0.0	-	-	-	0.0	-
70.0	90.0	12.8	6.2	24.3	0.0	-	-	0.0	-	-	-	0.0	-
73.0	50.0	-	224.8	45.1	-	-	-	0.0	-	-	-	-	-
73.0	53.0	59.1	222.6	402.5	-	-	-	0.0	-	-	-	-	-
73.0	60.0	144.3	254.8	511.9	-	-	-	0.0	-	-	-	-	-
73.0	65.0	14.1	82.7	106.2	-	-	-	-	-	-	-	-	-
73.0	70.0	13.6	37.3	205.6	-	-	-	-	-	-	-	-	-
73.0	80.0	34.9	0.0	156.9	-	-	-	-	-	-	-	-	-
73.0	90.0	33.4	3.2	95.2	-	-	-	-	-	-	-	-	-
77.0	48.0	0.0	107.6	183.5	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Stenobrachius leucopsarus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	51.0	49.6	41.2	168.7	–	–	–	33.8	–	–	–	–	–
77.0	55.0	30.5	186.8	39.2	–	–	–	58.2	–	–	–	–	–
77.0	60.0	129.6	26.2	80.9	–	–	–	0.0	–	–	–	–	–
77.0	65.0	26.5	57.1	678.7	–	–	–	0.0	–	–	–	–	–
77.0	70.0	100.2	13.6	99.9	–	–	–	0.0	–	–	–	–	–
77.0	80.0	94.2	37.8	52.8	–	–	–	–	–	–	–	–	–
77.0	90.0	7.0	–	6.6	–	–	–	–	–	–	–	–	–
80.0	51.0	24.4	22.0	56.8	10.6	–	–	0.0	–	–	0.0	–	–
80.0	52.0	59.0	55.4	16.5	68.0	–	–	0.0	–	–	0.0	–	–
80.0	55.0	21.4	20.2	158.6	248.3	–	–	0.0	–	–	–	2.8	–
80.0	60.0	614.5	7.3	850.0	7.2	–	–	0.0	–	–	–	0.0	–
80.0	70.0	41.5	198.5	301.8	3.6	–	–	0.0	–	–	–	0.0	–
80.0	80.0	72.4	0.0	226.1	29.6	–	–	0.0	–	–	–	0.0	–
80.0	90.0	42.4	36.9	94.9	36.6	–	–	0.0	–	–	–	0.0	–
82.0	47.0	25.6	28.6	91.6	–	–	–	0.0	–	–	–	–	–
83.0	40.0	71.3	3.4	2.4	–	–	–	0.0	–	–	–	–	–
83.0	43.0	71.3	55.8	–	–	–	–	0.0	–	–	–	–	–
83.0	51.0	13.5	4.6	70.8	–	–	–	0.0	–	–	–	–	–
83.0	55.0	25.8	45.6	115.4	–	–	–	0.0	–	–	–	–	–
83.0	60.0	49.0	59.0	0.0	–	–	–	0.0	–	–	–	–	–
83.0	70.0	54.4	17.1	84.5	–	–	–	0.0	–	–	–	–	–
83.0	80.0	11.1	40.0	317.8	–	–	–	0.0	–	–	–	–	–
83.0	90.0	10.2	53.6	62.2	–	–	–	0.0	–	–	–	–	–
87.0	33.0	7.1	7.4	30.9	–	–	–	0.0	–	–	–	–	–
87.0	35.0	–	2.2	141.5	–	–	–	0.0	–	–	–	–	–
87.0	40.0	7.1	6.3	–	–	–	–	0.0	–	–	–	–	–
87.0	45.0	48.8	0.0	201.6	–	–	–	0.0	–	–	–	–	–
87.0	50.0	143.1	0.0	73.1	–	–	–	–	–	–	–	–	–
87.0	55.0	41.2	0.0	128.8	–	–	–	0.0	–	–	–	–	–
87.0	60.0	0.0	5.4	16.5	–	–	–	0.0	–	–	–	–	–
87.0	70.0	–	5.8	3.2	–	–	–	0.0	–	–	–	–	–
87.0	80.0	6.9	12.9	3.1	–	–	–	0.0	–	–	–	–	–
87.0	90.0	–	3.1	9.3	–	–	–	0.0	–	–	–	–	–
90.0	28.0	8.9	3.6	21.1	8.7	–	–	0.0	–	0.0	–	–	–
90.0	32.0	0.0	3.7	41.6	15.5	–	–	0.0	–	0.0	–	–	–
90.0	37.0	0.0	25.7	71.1	3.2	–	–	0.0	–	0.0	–	–	–
90.0	45.0	38.3	104.4	28.5	31.3	–	–	0.0	–	0.0	–	–	–
90.0	53.0	166.2	10.5	15.5	13.0	–	–	0.0	–	0.0	–	–	–
90.0	60.0	0.0	34.8	2.9	47.7	–	–	0.0	–	–	–	–	–
90.0	70.0	0.0	13.7	3.2	42.4	–	–	0.0	–	0.0	–	–	–
90.0	80.0	0.0	0.0	63.2	0.0	–	–	0.0	–	0.0	–	–	–
90.0	90.0	0.0	0.0	0.0	24.1	–	–	0.0	–	0.0	–	–	–
90.0	100.0	–	–	–	6.3	–	–	–	–	0.0	–	–	–
93.0	28.0	0.0	18.8	21.8	–	–	–	0.0	–	–	–	–	–
93.0	30.0	2.7	6.1	6.2	–	–	–	0.0	–	–	–	–	–
93.0	35.0	0.0	6.1	3.2	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Stenobrachius leucopsarus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	40.0	0.0	3.1	0.0	–	–	–	0.0	–	–	–	–	–
93.0	50.0	–	0.0	6.4	–	–	–	0.0	–	–	–	–	–
93.0	55.0	–	3.2	0.0	–	–	–	0.0	–	–	–	–	–
93.0	60.0	13.2	0.0	6.2	–	–	–	0.0	–	–	–	–	–
93.0	70.0	0.0	5.4	0.0	–	–	–	0.0	–	–	–	–	–
93.0	80.0	0.0	6.8	6.0	–	–	–	0.0	–	–	–	–	–
93.0	90.0	0.0	0.0	3.4	–	–	–	0.0	–	–	–	–	–
97.0	29.0	0.0	0.0	2.1	–	–	–	–	–	–	–	–	–
97.0	32.0	0.0	0.0	5.7	–	–	–	0.0	–	–	–	–	–
97.0	35.0	0.0	0.0	7.8	–	–	–	0.0	–	–	–	–	–
97.0	40.0	0.0	3.9	3.3	–	–	–	0.0	–	–	–	–	–
97.0	50.0	0.0	8.9	3.4	–	–	–	0.0	–	–	–	–	–
97.0	55.0	0.0	23.5	0.0	–	–	–	0.0	–	–	–	–	–
97.0	60.0	0.0	0.0	8.4	–	–	–	0.0	–	–	–	–	–
97.0	70.0	0.0	2.7	3.3	–	–	–	0.0	–	–	–	–	–
97.0	80.0	0.0	14.9	11.0	–	–	–	0.0	–	–	–	–	–
97.0	90.0	0.0	2.7	3.3	–	–	–	0.0	–	–	–	–	–
100.0	29.0	0.0	0.0	0.0	–	9.8	–	0.0	–	–	0.0	–	–
100.0	30.0	0.0	0.0	6.8	–	0.0	–	0.0	–	–	0.0	–	–
100.0	35.0	0.0	0.0	3.4	–	0.0	–	10.8	–	–	0.0	–	–
100.0	60.0	0.0	0.0	6.3	–	0.0	–	0.0	–	–	0.0	–	–
100.0	70.0	0.0	0.0	25.5	–	3.0	–	0.0	–	–	0.0	–	–
103.0	45.0	0.0	0.0	3.1	–	–	–	0.0	–	–	–	–	–
103.0	80.0	0.0	0.0	6.4	–	–	–	0.0	–	–	–	–	–
110.0	50.0	0.0	0.0	3.1	–	0.0	–	0.0	–	–	0.0	–	–
113.0	40.0	0.0	0.0	3.2	–	–	–	0.0	–	–	–	–	–
123.0	36.0	0.0	0.0	2.9	–	–	–	0.0	–	–	–	–	–

Triphoturus mexicanus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	70.0	0.0	0.0	0.0	0.0	–	–	0.0	–	–	–	3.0	–
80.0	90.0	0.0	0.0	0.0	0.0	–	–	3.8	–	–	–	0.0	–
83.0	70.0	0.0	0.0	0.0	–	–	–	2.6	–	–	–	–	–
83.0	80.0	0.0	0.0	0.0	–	–	–	3.0	–	–	–	–	–
83.0	90.0	0.0	0.0	0.0	–	–	–	5.7	–	–	–	–	–
87.0	90.0	–	0.0	0.0	–	–	–	14.7	–	–	–	–	–
90.0	32.0	0.0	0.0	0.0	9.3	–	–	11.3	–	3.3	–	–	–
90.0	37.0	0.0	0.0	0.0	0.0	–	–	0.0	–	40.9	–	–	–
90.0	60.0	0.0	0.0	0.0	0.0	–	–	15.4	–	–	–	–	–
90.0	70.0	0.0	0.0	0.0	0.0	–	–	31.9	–	23.7	–	–	–
90.0	80.0	0.0	0.0	0.0	0.0	–	–	5.8	–	10.1	–	–	–
90.0	90.0	0.0	0.0	3.2	0.0	–	–	0.0	–	44.5	–	–	–
90.0	100.0	–	–	–	3.1	–	–	–	–	2.9	–	–	–
90.0	120.0	–	–	–	3.2	–	–	–	–	9.6	–	–	–

TABLE 4. (cont.)

Triphoturus mexicanus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	27.0	0.0	0.0	0.0	-	-	-	48.8	-	-	-	-	-
93.0	28.0	0.0	0.0	0.0	-	-	-	93.8	-	-	-	-	-
93.0	30.0	0.0	0.0	0.0	-	-	-	35.3	-	-	-	-	-
93.0	40.0	0.0	0.0	0.0	-	-	-	22.2	-	-	-	-	-
93.0	45.0	0.0	0.0	0.0	-	-	-	25.0	-	-	-	-	-
93.0	50.0	-	0.0	0.0	-	-	-	32.9	-	-	-	-	-
93.0	60.0	0.0	0.0	0.0	-	-	-	114.0	-	-	-	-	-
93.0	70.0	0.0	0.0	0.0	-	-	-	8.6	-	-	-	-	-
93.0	90.0	0.0	0.0	0.0	-	-	-	10.2	-	-	-	-	-
93.0	100.0	-	0.0	-	-	-	-	23.0	-	-	-	-	-
97.0	32.0	0.0	0.0	0.0	-	-	-	46.9	-	-	-	-	-
97.0	40.0	0.0	0.0	0.0	-	-	-	52.4	-	-	-	-	-
97.0	45.0	0.0	0.0	0.0	-	-	-	150.1	-	-	-	-	-
97.0	50.0	0.0	0.0	0.0	-	-	-	11.8	-	-	-	-	-
97.0	55.0	0.0	0.0	0.0	-	-	-	21.4	-	-	-	-	-
97.0	80.0	0.0	0.0	0.0	-	-	-	31.7	-	-	-	-	-
97.0	90.0	0.0	0.0	3.3	-	-	-	10.8	-	-	-	-	-
100.0	29.0	0.0	0.0	3.2	-	0.0	-	0.0	-	-	51.3	-	-
100.0	30.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	133.5	-	-
100.0	35.0	0.0	0.0	0.0	-	0.0	-	140.4	-	-	23.9	-	-
100.0	40.0	0.0	0.0	0.0	-	19.7	-	188.4	-	-	37.1	-	-
100.0	50.0	0.0	0.0	0.0	-	29.2	-	12.9	-	-	84.4	-	-
100.0	60.0	0.0	3.3	15.7	-	18.2	-	11.4	-	-	0.0	-	-
100.0	70.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	6.0	-	-
100.0	80.0	0.0	0.0	0.0	-	0.0	-	255.9	-	-	21.6	-	-
100.0	90.0	0.0	0.0	0.0	-	16.0	-	233.8	-	-	33.5	-	-
100.0	100.0	-	-	-	-	0.0	-	-	-	-	31.5	-	-
100.0	120.0	-	-	-	-	40.0	-	-	-	-	12.0	-	-
103.0	45.0	0.0	0.0	0.0	-	-	-	118.4	-	-	-	-	-
103.0	50.0	0.0	0.0	0.0	-	-	-	149.8	-	-	-	-	-
103.0	60.0	0.0	0.0	0.0	-	-	-	45.0	-	-	-	-	-
103.0	70.0	0.0	0.0	6.4	-	-	-	22.7	-	-	-	-	-
103.0	80.0	0.0	0.0	0.0	-	-	-	219.6	-	-	-	-	-
107.0	31.0	0.0	0.0	0.0	-	-	-	134.4	-	-	-	-	-
107.0	32.0	0.0	0.0	0.0	-	-	-	97.6	-	-	-	-	-
107.0	35.0	0.0	0.0	0.0	-	-	-	56.0	-	-	-	-	-
107.0	50.0	0.0	0.0	0.0	-	-	-	75.6	-	-	-	-	-
107.0	60.0	0.0	0.0	0.0	-	-	-	46.1	-	-	-	-	-
107.0	70.0	0.0	2.9	0.0	-	-	-	199.8	-	-	-	-	-
107.0	80.0	2.8	0.0	0.0	-	-	-	152.6	-	-	-	-	-
110.0	35.0	-	0.0	0.0	-	18.0	-	0.0	-	-	12.0	-	-
110.0	40.0	0.0	0.0	0.0	-	48.3	-	195.8	-	-	31.8	-	-
110.0	45.0	0.0	0.0	0.0	-	40.3	-	192.0	-	-	156.3	-	-
110.0	50.0	0.0	0.0	0.0	-	16.0	-	132.9	-	-	258.2	-	-
110.0	55.0	0.0	0.0	0.0	-	28.3	-	116.0	-	-	210.5	-	-
110.0	60.0	3.1	0.0	0.0	-	56.6	-	70.3	-	-	33.7	-	-

TABLE 4. (cont.)

Triphoturus mexicanus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	70.0	5.7	0.0	3.1	–	3.0	–	97.2	–	–	23.7	–	–
110.0	80.0	0.0	0.0	0.0	–	37.6	–	147.7	–	–	15.8	–	–
113.0	29.0	0.0	0.0	0.0	–	–	–	7.6	–	–	–	–	–
113.0	40.0	0.0	2.9	0.0	–	–	–	214.4	–	–	–	–	–
113.0	45.0	0.0	0.0	0.0	–	–	–	71.3	–	–	–	–	–
113.0	50.0	0.0	0.0	0.0	–	–	–	65.8	–	–	–	–	–
113.0	60.0	0.0	0.0	0.0	–	–	–	99.4	–	–	–	–	–
113.0	70.0	0.0	0.0	0.0	–	–	–	609.8	–	–	–	–	–
113.0	80.0	0.0	0.0	3.2	–	–	–	189.0	–	–	–	–	–
117.0	30.0	0.0	0.0	0.0	–	–	–	11.4	–	–	–	–	–
117.0	40.0	0.0	0.0	0.0	–	–	–	1033.6	–	–	–	–	–
117.0	45.0	0.0	0.0	0.0	–	–	–	1139.3	–	–	–	–	–
117.0	50.0	0.0	0.0	0.0	–	–	–	84.0	–	–	–	–	–
117.0	60.0	10.2	0.0	0.0	–	–	–	35.2	–	–	–	–	–
117.0	70.0	9.8	0.0	0.0	–	–	–	300.8	–	–	–	–	–
117.0	80.0	0.0	0.0	0.0	–	–	–	330.3	–	–	–	–	–
118.0	39.0	–	0.0	0.0	–	–	–	125.6	–	–	–	–	–
120.0	30.0	0.0	0.0	0.0	–	2.6	–	0.0	–	–	2.5	–	–
120.0	35.0	0.0	0.0	0.0	–	2.7	–	0.0	–	–	0.0	–	–
120.0	40.0	0.0	0.0	0.0	–	2.6	–	2.3	–	–	2.4	–	–
120.0	45.0	0.0	0.0	0.0	–	5.2	–	12.0	–	–	143.5	–	–
120.0	50.0	0.0	0.0	0.0	–	5.6	–	12.0	–	–	176.3	–	–
120.0	60.0	6.3	3.3	3.0	–	73.9	–	8.8	–	–	58.1	–	–
120.0	70.0	21.7	0.0	0.0	–	67.2	–	208.8	–	–	59.4	–	–
120.0	80.0	0.0	0.0	0.0	–	17.0	–	52.7	–	–	39.4	–	–
123.0	37.0	0.0	0.0	0.0	–	–	–	2.3	–	–	–	–	–
123.0	45.0	5.3	3.3	0.0	–	–	–	11.4	–	–	–	–	–
123.0	50.0	0.0	0.0	7.2	–	–	–	12.0	–	–	–	–	–
123.0	60.0	0.0	0.0	12.2	–	–	–	106.8	–	–	–	–	–
127.0	40.0	3.4	0.0	0.0	–	–	–	32.6	–	–	–	–	–
127.0	45.0	0.0	3.1	0.0	–	–	–	0.0	–	–	–	–	–
127.0	50.0	6.4	0.0	0.0	–	–	–	34.7	–	–	–	–	–
127.0	60.0	0.0	10.0	0.0	–	–	–	22.7	–	–	–	–	–
130.0	35.0	0.0	0.0	13.0	–	0.0	–	0.0	–	–	0.0	–	–
130.0	40.0	0.0	0.0	0.0	–	21.2	–	0.0	–	–	5.8	–	–
130.0	50.0	0.0	0.0	0.0	–	3.0	–	36.5	–	–	8.6	–	–
130.0	60.0	0.0	0.0	11.8	–	51.2	–	15.8	–	–	0.0	–	–
130.0	70.0	–	–	–	–	0.0	–	–	–	–	17.3	–	–
130.0	80.0	–	–	–	–	23.7	–	–	–	–	56.6	–	–
130.0	90.0	–	–	–	–	281.3	–	–	–	–	5.3	–	–
133.0	35.0	6.7	0.0	19.1	–	–	–	0.0	–	–	–	–	–
133.0	40.0	6.8	3.2	0.0	–	–	–	0.0	–	–	–	–	–
133.0	50.0	0.0	13.1	3.3	–	–	–	11.8	–	–	–	–	–
133.0	60.0	0.0	0.0	6.6	–	–	–	6.3	–	–	–	–	–
137.0	35.0	3.5	3.1	0.0	–	–	–	0.0	–	–	–	–	–
137.0	40.0	6.4	3.3	16.0	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Triphoturus mexicanus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	50.0	3.3	0.0	9.0	-	-	-	0.0	-	-	-	-	-
140.0	40.0	-	0.0	-	-	-	6.4	-	-	-	-	2.9	-
140.0	45.0	-	3.4	-	-	-	0.0	-	-	-	-	8.9	-
140.0	50.0	-	0.0	-	-	-	6.3	-	-	-	-	0.0	-
140.0	55.0	-	0.0	-	-	-	6.3	-	-	-	-	0.0	-
140.0	60.0	-	3.5	-	-	-	6.3	-	-	-	-	2.8	-
140.0	70.0	-	-	-	-	-	13.9	-	-	-	-	0.0	-
140.0	80.0	-	-	-	-	-	61.0	-	-	-	-	0.0	-
140.0	90.0	-	-	-	-	47.6	-	-	-	-	-	0.0	-
140.0	100.0	-	-	-	-	18.5	-	-	-	-	-	0.0	-
140.0	120.0	-	-	-	-	20.7	-	-	-	-	-	0.0	-
150.0	25.0	-	0.0	-	-	-	104.1	-	-	-	-	0.0	-
150.0	30.0	-	0.0	-	-	-	57.3	-	-	-	-	0.0	-
150.0	60.0	-	12.9	-	-	-	0.0	-	-	-	-	0.0	-
150.0	80.0	-	-	-	-	-	2.9	-	-	-	-	0.0	-
150.0	90.0	-	-	-	-	-	6.1	-	-	-	-	0.0	-
150.0	100.0	-	-	-	-	-	6.2	-	-	-	-	0.0	-
157.0	10.0	-	3.2	-	-	-	0.0	-	-	-	-	6.0	-
157.0	15.0	-	0.0	-	-	-	0.0	-	-	-	-	3.0	-
157.0	20.0	-	0.0	-	-	-	0.0	-	-	-	-	3.1	-
157.0	30.0	-	0.0	-	-	-	5.9	-	-	-	-	0.0	-

Benthosema pterota

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
140.0	45.0	-	0.0	-	-	-	0.0	-	-	-	-	11.8	-
140.0	70.0	-	-	-	-	-	0.0	-	-	-	-	2.9	-
150.0	19.0	-	0.0	-	-	-	0.0	-	-	-	-	5.9	-
150.0	25.0	-	0.0	-	-	-	83.3	-	-	-	-	0.0	-
150.0	30.0	-	0.0	-	-	-	6.7	-	-	-	-	0.0	-
157.0	10.0	-	16.0	-	-	-	0.0	-	-	-	-	0.0	-

Diogenichthys atlanticus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	180.0	-	-	-	-	-	-	-	-	-	-	29.3	-
57.0	65.0	-	-	16.7	-	-	-	0.0	-	-	-	-	-
63.0	90.0	-	-	1.6	-	-	-	10.3	-	-	-	-	-
77.0	51.0	3.1	0.0	0.0	-	-	-	0.0	-	-	-	-	-
77.0	60.0	0.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
80.0	90.0	0.0	0.0	0.0	0.0	-	-	0.0	-	-	-	12.4	-
83.0	60.0	7.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
83.0	70.0	0.0	0.0	0.0	-	-	-	17.9	-	-	-	-	-
83.0	80.0	0.0	0.0	0.0	-	-	-	12.2	-	-	-	-	-

TABLE 4. (cont.)

Diogenichthys atlanticus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0 60.0	0.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
87.0 70.0	-	0.0	0.0	-	-	-	3.0	-	-	-	-	-
87.0 80.0	3.5	5.2	6.1	-	-	-	0.0	-	-	-	-	-
87.0 90.0	-	0.0	0.0	-	-	-	23.4	-	-	-	-	-
90.0 70.0	0.0	3.4	3.2	0.0	-	-	7.1	-	0.0	-	-	-
90.0 80.0	0.0	0.0	0.0	0.0	-	-	2.9	-	6.7	-	-	-
90.0 90.0	2.5	0.0	28.4	0.0	-	-	0.0	-	3.2	-	-	-
90.0 120.0	-	-	-	42.1	-	-	-	-	12.8	-	-	-
90.0 140.0	-	-	-	0.0	-	-	-	-	16.1	-	-	-
93.0 70.0	3.2	0.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0 80.0	6.6	0.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0 90.0	0.0	0.0	10.1	-	-	-	0.0	-	-	-	-	-
93.0 100.0	-	2.8	-	-	-	-	14.3	-	-	-	-	-
93.0 120.0	-	10.9	-	-	-	-	8.6	-	-	-	-	-
97.0 50.0	0.0	0.0	0.0	-	-	-	11.8	-	-	-	-	-
97.0 55.0	3.3	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0 60.0	3.9	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0 80.0	0.0	0.0	0.0	-	-	-	10.6	-	-	-	-	-
97.0 90.0	0.0	5.4	26.5	-	-	-	19.0	-	-	-	-	-
100.0 50.0	2.7	0.0	0.0	-	0.0	-	12.9	-	-	0.0	-	-
100.0 70.0	0.0	3.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
100.0 80.0	3.0	0.0	0.0	-	3.3	-	9.0	-	-	0.0	-	-
100.0 90.0	0.0	0.0	5.9	-	12.8	-	0.0	-	-	21.4	-	-
100.0 100.0	-	-	-	-	0.0	-	-	-	-	5.7	-	-
100.0 120.0	-	-	-	-	6.2	-	-	-	-	33.0	-	-
100.0 140.0	-	-	-	-	5.9	-	-	-	-	54.5	-	-
103.0 45.0	3.1	0.0	0.0	-	-	-	0.0	-	-	-	-	-
103.0 60.0	0.0	2.9	3.0	-	-	-	0.0	-	-	-	-	-
103.0 70.0	0.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-
107.0 31.0	0.0	0.0	0.0	-	-	-	9.0	-	-	-	-	-
107.0 60.0	0.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
107.0 70.0	0.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
110.0 50.0	0.0	0.0	0.0	-	0.0	-	12.1	-	-	0.0	-	-
110.0 55.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	3.2	-	-
117.0 70.0	0.0	0.0	0.0	-	-	-	5.5	-	-	-	-	-
117.0 80.0	0.0	0.0	0.0	-	-	-	18.2	-	-	-	-	-
120.0 50.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	3.0	-	-
127.0 50.0	0.0	0.0	0.0	-	-	-	5.8	-	-	-	-	-

Diogenichthys laternatus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0 27.0	0.0	0.0	0.0	-	-	-	9.8	-	-	-	-	-
93.0 100.0	-	0.0	-	-	-	-	8.6	-	-	-	-	-
97.0 55.0	0.0	0.0	3.4	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Diogenichthys laternatus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	80.0	3.0	0.0	0.0	–	–	–	0.0	–	–	–	–	–
100.0	80.0	0.0	0.0	0.0	–	0.0	–	3.0	–	–	0.0	–	–
100.0	90.0	3.2	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
103.0	80.0	0.0	0.0	0.0	–	–	–	8.7	–	–	–	–	–
107.0	70.0	0.0	2.9	0.0	–	–	–	8.1	–	–	–	–	–
110.0	32.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	2.5	–	–
110.0	35.0	–	0.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–
110.0	36.0	3.3	–	–	–	–	–	–	–	–	–	–	–
110.0	45.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	35.1	–	–
110.0	50.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	29.8	–	–
110.0	55.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	51.0	–	–
110.0	60.0	6.2	0.0	0.0	–	0.0	–	0.0	–	–	55.1	–	–
110.0	70.0	0.0	0.0	0.0	–	0.0	–	8.6	–	–	11.8	–	–
110.0	80.0	0.0	3.1	0.0	–	0.0	–	11.4	–	–	0.0	–	–
113.0	45.0	3.3	0.0	0.0	–	–	–	0.0	–	–	–	–	–
113.0	50.0	9.8	0.0	0.0	–	–	–	0.0	–	–	–	–	–
113.0	60.0	0.0	0.0	0.0	–	–	–	2.5	–	–	–	–	–
113.0	80.0	0.0	2.8	0.0	–	–	–	0.0	–	–	–	–	–
117.0	40.0	3.4	0.0	0.0	–	–	–	0.0	–	–	–	–	–
117.0	50.0	3.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–
117.0	60.0	3.4	0.0	0.0	–	–	–	0.0	–	–	–	–	–
120.0	40.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	2.4	–	–
120.0	45.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	9.0	–	–
120.0	50.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	57.8	–	–
120.0	60.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	12.2	–	–
120.0	70.0	3.1	0.0	0.0	–	2.9	–	0.0	–	–	23.8	–	–
120.0	80.0	0.0	0.0	0.0	–	0.0	–	8.8	–	–	21.2	–	–
123.0	45.0	5.3	0.0	0.0	–	–	–	0.0	–	–	–	–	–
123.0	50.0	3.4	0.0	0.0	–	–	–	0.0	–	–	–	–	–
123.0	60.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
127.0	40.0	0.0	0.0	0.0	–	–	–	3.0	–	–	–	–	–
127.0	50.0	6.4	3.5	0.0	–	–	–	0.0	–	–	–	–	–
127.0	60.0	0.0	3.3	0.0	–	–	–	2.8	–	–	–	–	–
130.0	35.0	0.0	0.0	3.3	–	0.0	–	0.0	–	–	0.0	–	–
130.0	40.0	0.0	44.9	0.0	–	0.0	–	0.0	–	–	8.8	–	–
130.0	50.0	0.0	13.2	0.0	–	3.0	–	12.2	–	–	28.7	–	–
130.0	60.0	6.5	0.0	2.9	–	0.0	–	0.0	–	–	5.7	–	–
130.0	70.0	–	–	–	–	5.6	–	–	–	–	31.7	–	–
130.0	80.0	–	–	–	–	14.8	–	–	–	–	104.3	–	–
130.0	90.0	–	–	–	–	35.2	–	–	–	–	31.8	–	–
133.0	30.0	3.2	12.4	39.4	–	–	–	0.0	–	–	–	–	–
133.0	35.0	6.7	0.0	35.1	–	–	–	0.0	–	–	–	–	–
133.0	40.0	17.0	56.9	44.5	–	–	–	0.0	–	–	–	–	–
133.0	50.0	3.2	6.6	9.8	–	–	–	0.0	–	–	–	–	–
133.0	60.0	0.0	15.6	13.1	–	–	–	6.3	–	–	–	–	–
137.0	30.0	0.0	9.9	0.0	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Diogenichthys laternatus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	35.0	17.8	27.9	12.7	-	-	-	0.0	-	-	-	-	-
137.0	40.0	28.6	75.2	0.0	-	-	-	0.0	-	-	-	-	-
137.0	50.0	3.3	0.0	18.1	-	-	-	0.0	-	-	-	-	-
137.0	60.0	43.7	10.1	3.4	-	-	-	-	-	-	-	-	-
140.0	30.0	-	0.0	-	-	-	2.5	-	-	-	-	0.0	-
140.0	35.0	-	32.0	-	-	-	0.0	-	-	-	-	32.8	-
140.0	40.0	-	10.1	-	-	-	0.0	-	-	-	-	2.9	-
140.0	45.0	-	10.3	-	-	-	0.0	-	-	-	-	20.6	-
140.0	50.0	-	28.4	-	-	-	6.3	-	-	-	-	8.8	-
140.0	55.0	-	3.5	-	-	-	15.8	-	-	-	-	17.2	-
140.0	60.0	-	7.1	-	-	-	3.1	-	-	-	-	2.8	-
140.0	70.0	-	-	-	-	-	8.4	-	-	-	-	35.2	-
140.0	80.0	-	-	-	-	-	33.5	-	-	-	-	11.7	-
140.0	90.0	-	-	-	-	5.6	-	-	-	-	-	3.0	-
140.0	120.0	-	-	-	-	62.2	-	-	-	-	-	31.3	-
143.0	30.0	-	6.6	-	-	-	-	-	-	-	-	-	-
143.0	35.0	-	37.3	-	-	-	-	-	-	-	-	-	-
143.0	40.0	-	154.6	-	-	-	-	-	-	-	-	-	-
143.0	45.0	-	18.1	-	-	-	-	-	-	-	-	-	-
143.0	55.0	-	13.3	-	-	-	-	-	-	-	-	-	-
143.0	60.0	-	7.2	-	-	-	-	-	-	-	-	-	-
147.0	20.0	-	6.1	-	-	-	-	-	-	-	-	-	-
147.0	30.0	-	15.2	-	-	-	-	-	-	-	-	-	-
147.0	35.0	-	18.8	-	-	-	-	-	-	-	-	-	-
147.0	40.0	-	13.7	-	-	-	-	-	-	-	-	-	-
147.0	45.0	-	32.9	-	-	-	-	-	-	-	-	-	-
147.0	50.0	-	24.6	-	-	-	-	-	-	-	-	-	-
147.0	55.0	-	31.9	-	-	-	-	-	-	-	-	-	-
147.0	60.0	-	39.0	-	-	-	-	-	-	-	-	-	-
150.0	19.0	-	6.8	-	-	-	3.5	-	-	-	-	26.5	-
150.0	25.0	-	7.1	-	-	-	468.5	-	-	-	-	64.9	-
150.0	30.0	-	20.2	-	-	-	741.4	-	-	-	-	48.2	-
150.0	35.0	-	41.2	-	-	-	23.2	-	-	-	-	48.5	-
150.0	40.0	-	64.8	-	-	-	0.0	-	-	-	-	33.2	-
150.0	45.0	-	567.8	-	-	-	9.6	-	-	-	-	21.5	-
150.0	50.0	-	112.7	-	-	-	6.5	-	-	-	-	6.2	-
150.0	55.0	-	672.8	-	-	-	32.3	-	-	-	-	14.4	-
150.0	60.0	-	77.5	-	-	-	22.9	-	-	-	-	0.0	-
150.0	70.0	-	-	-	-	-	15.8	-	-	-	-	8.6	-
150.0	80.0	-	-	-	-	-	17.2	-	-	-	-	12.3	-
150.0	90.0	-	-	-	-	-	21.3	-	-	-	-	12.5	-
150.0	100.0	-	-	-	-	-	30.9	-	-	-	-	14.6	-
150.0	110.0	-	-	-	-	-	89.6	-	-	-	-	15.7	-
153.0	16.0	-	26.0	-	-	-	-	-	-	-	-	-	-
153.0	20.0	-	165.9	-	-	-	-	-	-	-	-	-	-
153.0	25.0	-	164.0	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Diogenichthys laternatus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
153.0 30.0	–	118.0	–	–	–	–	–	–	–	–	–	–
153.0 35.0	–	6.5	–	–	–	–	–	–	–	–	–	–
153.0 40.0	–	36.6	–	–	–	–	–	–	–	–	–	–
153.0 45.0	–	75.8	–	–	–	–	–	–	–	–	–	–
153.0 50.0	–	21.1	–	–	–	–	–	–	–	–	–	–
153.0 55.0	–	9.4	–	–	–	–	–	–	–	–	–	–
153.0 60.0	–	20.9	–	–	–	–	–	–	–	–	–	–
157.0 10.0	–	299.9	–	–	–	128.5	–	–	–	–	170.4	–
157.0 15.0	–	174.9	–	–	–	45.5	–	–	–	–	39.6	–
157.0 20.0	–	83.5	–	–	–	19.1	–	–	–	–	117.4	–
157.0 25.0	–	169.6	–	–	–	3.1	–	–	–	–	127.3	–
157.0 30.0	–	40.0	–	–	–	3.0	–	–	–	–	163.8	–
157.0 35.0	–	114.8	–	–	–	3.0	–	–	–	–	143.0	–
157.0 40.0	–	34.0	–	–	–	0.0	–	–	–	–	62.4	–
157.0 45.0	–	81.9	–	–	–	43.3	–	–	–	–	184.3	–
157.0 50.0	–	30.3	–	–	–	439.8	–	–	–	–	160.2	–
157.0 55.0	–	132.0	–	–	–	6.0	–	–	–	–	12.0	–
157.0 60.0	–	85.7	–	–	–	166.1	–	–	–	–	9.1	–

Electrona rissoi

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 120.0	–	–	–	3.8	–	–	–	–	–	0.0	–	–
63.0 90.0	–	–	1.6	–	–	–	0.0	–	–	–	–	–
80.0 51.0	0.0	3.1	0.0	0.0	–	–	0.0	–	–	0.0	–	–
83.0 70.0	0.0	0.0	3.1	–	–	–	0.0	–	–	–	–	–
87.0 60.0	0.0	0.0	3.3	–	–	–	0.0	–	–	–	–	–
87.0 80.0	0.0	0.0	6.1	–	–	–	0.0	–	–	–	–	–
90.0 70.0	0.0	0.0	6.4	0.0	–	–	0.0	–	0.0	–	–	–
90.0 80.0	0.0	0.0	0.0	3.0	–	–	0.0	–	0.0	–	–	–
90.0 120.0	–	–	–	3.2	–	–	–	–	0.0	–	–	–
90.0 140.0	–	–	–	0.0	–	–	–	–	9.7	–	–	–
100.0 29.0	0.0	0.0	3.2	–	0.0	–	0.0	–	–	0.0	–	–
100.0 90.0	0.0	0.0	0.0	–	3.2	–	0.0	–	–	0.0	–	–
107.0 50.0	0.0	0.0	3.3	–	–	–	0.0	–	–	–	–	–
110.0 60.0	3.1	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
120.0 70.0	0.0	0.0	0.0	–	0.0	–	2.9	–	–	0.0	–	–

Gonichthys tenuiculus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0 70.0	0.0	0.0	0.0	–	–	–	2.7	–	–	–	–	–
110.0 70.0	0.0	0.0	0.0	–	0.0	–	5.7	–	–	0.0	–	–
120.0 45.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–

TABLE 4. (cont.)

Gonichthys tenuiculus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	50.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–
120.0	60.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.1	–	–
120.0	70.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	8.9	–	–
120.0	80.0	0.0	0.0	0.0	–	0.0	–	11.7	–	–	0.0	–	–
123.0	60.0	0.0	0.0	0.0	–	–	–	8.4	–	–	–	–	–
130.0	35.0	0.0	0.0	3.3	–	0.0	–	0.0	–	–	0.0	–	–
130.0	40.0	0.0	6.4	3.2	–	0.0	–	0.0	–	–	0.0	–	–
130.0	60.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	2.9	–	–
130.0	70.0	–	–	–	–	2.8	–	–	–	–	0.0	–	–
130.0	80.0	–	–	–	–	17.8	–	–	–	–	0.0	–	–
130.0	90.0	–	–	–	–	82.0	–	–	–	–	0.0	–	–
133.0	30.0	6.4	0.0	0.0	–	–	–	0.0	–	–	–	–	–
133.0	35.0	10.1	0.0	9.6	–	–	–	0.0	–	–	–	–	–
133.0	40.0	10.2	3.2	0.0	–	–	–	0.0	–	–	–	–	–
133.0	60.0	0.0	6.2	0.0	–	–	–	0.0	–	–	–	–	–
137.0	35.0	0.0	6.2	0.0	–	–	–	0.0	–	–	–	–	–
137.0	40.0	0.0	9.8	0.0	–	–	–	0.0	–	–	–	–	–
137.0	50.0	0.0	0.0	6.0	–	–	–	0.0	–	–	–	–	–
137.0	60.0	0.0	3.3	0.0	–	–	–	–	–	–	–	–	–
140.0	35.0	–	6.4	–	–	–	0.0	–	–	–	–	0.0	–
140.0	40.0	–	0.0	–	–	–	12.9	–	–	–	–	0.0	–
140.0	45.0	–	6.8	–	–	–	0.0	–	–	–	–	0.0	–
140.0	50.0	–	24.9	–	–	–	0.0	–	–	–	–	0.0	–
140.0	70.0	–	–	–	–	–	5.6	–	–	–	–	0.0	–
140.0	80.0	–	–	–	–	–	6.1	–	–	–	–	0.0	–
140.0	90.0	–	–	–	–	5.6	–	–	–	–	–	0.0	–
140.0	100.0	–	–	–	–	0.0	–	–	–	–	–	3.0	–
140.0	120.0	–	–	–	–	3.0	–	–	–	–	–	0.0	–
147.0	50.0	–	3.1	–	–	–	–	–	–	–	–	–	–
147.0	60.0	–	3.3	–	–	–	–	–	–	–	–	–	–
150.0	40.0	–	0.0	–	–	–	0.0	–	–	–	–	3.0	–
150.0	45.0	–	6.7	–	–	–	0.0	–	–	–	–	0.0	–
150.0	60.0	–	9.7	–	–	–	0.0	–	–	–	–	0.0	–
150.0	80.0	–	–	–	–	–	8.6	–	–	–	–	0.0	–
150.0	100.0	–	–	–	–	–	0.0	–	–	–	–	5.8	–
150.0	110.0	–	–	–	–	–	2.8	–	–	–	–	0.0	–
153.0	30.0	–	6.9	–	–	–	–	–	–	–	–	–	–
153.0	40.0	–	6.7	–	–	–	–	–	–	–	–	–	–
153.0	45.0	–	6.3	–	–	–	–	–	–	–	–	–	–
153.0	50.0	–	3.0	–	–	–	–	–	–	–	–	–	–
153.0	55.0	–	3.1	–	–	–	–	–	–	–	–	–	–
157.0	45.0	–	6.3	–	–	–	3.3	–	–	–	–	0.0	–

TABLE 4. (cont.)

Hygophum spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0 90.0	-	-	-	-	-	0.0	-	-	-	-	3.1	-
150.0 100.0	-	-	-	-	-	0.0	-	-	-	-	11.6	-

Hygophum atratum

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0 70.0	0.0	2.9	0.0	-	-	-	0.0	-	-	-	-	-
110.0 45.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	3.2	-	-
110.0 60.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	6.1	-	-
120.0 45.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	6.0	-	-
120.0 50.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	9.1	-	-
120.0 60.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	3.1	-	-
120.0 70.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	17.8	-	-
120.0 80.0	0.0	0.0	0.0	-	0.0	-	8.8	-	-	0.0	-	-
123.0 60.0	0.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-
127.0 50.0	3.2	0.0	0.0	-	-	-	0.0	-	-	-	-	-
127.0 60.0	3.2	0.0	0.0	-	-	-	0.0	-	-	-	-	-
130.0 40.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	2.9	-	-
130.0 50.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	2.9	-	-
130.0 60.0	0.0	0.0	2.9	-	0.0	-	0.0	-	-	0.0	-	-
130.0 70.0	-	-	-	-	0.0	-	-	-	-	2.9	-	-
130.0 80.0	-	-	-	-	5.9	-	-	-	-	20.9	-	-
130.0 90.0	-	-	-	-	64.5	-	-	-	-	0.0	-	-
133.0 35.0	0.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
133.0 40.0	0.0	6.3	0.0	-	-	-	0.0	-	-	-	-	-
133.0 50.0	0.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
133.0 60.0	0.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
137.0 35.0	3.5	0.0	0.0	-	-	-	0.0	-	-	-	-	-
137.0 40.0	3.2	19.6	0.0	-	-	-	0.0	-	-	-	-	-
137.0 60.0	12.5	0.0	0.0	-	-	-	-	-	-	-	-	-
140.0 30.0	-	0.0	-	-	-	0.0	-	-	-	-	2.9	-
140.0 35.0	-	0.0	-	-	-	0.0	-	-	-	-	26.8	-
140.0 40.0	-	0.0	-	-	-	0.0	-	-	-	-	2.9	-
140.0 45.0	-	0.0	-	-	-	11.4	-	-	-	-	5.9	-
140.0 50.0	-	17.8	-	-	-	0.0	-	-	-	-	11.7	-
140.0 55.0	-	3.5	-	-	-	6.3	-	-	-	-	37.3	-
140.0 60.0	-	3.5	-	-	-	0.0	-	-	-	-	2.8	-
140.0 70.0	-	-	-	-	-	2.8	-	-	-	-	8.8	-
140.0 80.0	-	-	-	-	-	9.1	-	-	-	-	8.8	-
140.0 90.0	-	-	-	-	11.2	-	-	-	-	-	0.0	-
140.0 100.0	-	-	-	-	3.1	-	-	-	-	-	3.0	-
140.0 120.0	-	-	-	-	26.6	-	-	-	-	-	0.0	-
143.0 35.0	-	3.4	-	-	-	-	-	-	-	-	-	-
143.0 40.0	-	22.5	-	-	-	-	-	-	-	-	-	-
143.0 50.0	-	3.3	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Hygophum atratum (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
143.0	55.0	–	10.0	–	–	–	–	–	–	–	–	–	–
143.0	60.0	–	10.8	–	–	–	–	–	–	–	–	–	–
147.0	30.0	–	18.2	–	–	–	–	–	–	–	–	–	–
147.0	35.0	–	12.6	–	–	–	–	–	–	–	–	–	–
147.0	40.0	–	17.1	–	–	–	–	–	–	–	–	–	–
147.0	45.0	–	29.6	–	–	–	–	–	–	–	–	–	–
147.0	50.0	–	6.2	–	–	–	–	–	–	–	–	–	–
147.0	55.0	–	3.2	–	–	–	–	–	–	–	–	–	–
147.0	60.0	–	3.3	–	–	–	–	–	–	–	–	–	–
150.0	19.0	–	0.0	–	–	–	0.0	–	–	–	–	17.6	–
150.0	25.0	–	0.0	–	–	–	24.3	–	–	–	–	37.1	–
150.0	30.0	–	6.7	–	–	–	0.0	–	–	–	–	24.1	–
150.0	35.0	–	6.9	–	–	–	0.0	–	–	–	–	12.1	–
150.0	40.0	–	17.1	–	–	–	3.3	–	–	–	–	12.1	–
150.0	45.0	–	153.6	–	–	–	9.6	–	–	–	–	52.2	–
150.0	50.0	–	3.2	–	–	–	13.0	–	–	–	–	6.2	–
150.0	55.0	–	110.4	–	–	–	9.7	–	–	–	–	0.0	–
150.0	60.0	–	0.0	–	–	–	3.3	–	–	–	–	0.0	–
150.0	80.0	–	–	–	–	–	11.5	–	–	–	–	0.0	–
150.0	90.0	–	–	–	–	–	12.2	–	–	–	–	0.0	–
150.0	100.0	–	–	–	–	–	6.2	–	–	–	–	0.0	–
150.0	110.0	–	–	–	–	–	44.8	–	–	–	–	0.0	–
153.0	16.0	–	3.7	–	–	–	–	–	–	–	–	–	–
153.0	20.0	–	14.1	–	–	–	–	–	–	–	–	–	–
153.0	25.0	–	17.5	–	–	–	–	–	–	–	–	–	–
153.0	30.0	–	27.8	–	–	–	–	–	–	–	–	–	–
153.0	35.0	–	3.2	–	–	–	–	–	–	–	–	–	–
153.0	40.0	–	6.7	–	–	–	–	–	–	–	–	–	–
153.0	45.0	–	47.4	–	–	–	–	–	–	–	–	–	–
153.0	50.0	–	3.0	–	–	–	–	–	–	–	–	–	–
153.0	55.0	–	6.2	–	–	–	–	–	–	–	–	–	–
153.0	60.0	–	6.0	–	–	–	–	–	–	–	–	–	–
157.0	10.0	–	9.6	–	–	–	2.9	–	–	–	–	6.0	–
157.0	15.0	–	6.4	–	–	–	0.0	–	–	–	–	3.0	–
157.0	20.0	–	12.8	–	–	–	3.2	–	–	–	–	49.4	–
157.0	25.0	–	16.0	–	–	–	0.0	–	–	–	–	3.0	–
157.0	30.0	–	18.5	–	–	–	0.0	–	–	–	–	41.0	–
157.0	35.0	–	35.1	–	–	–	0.0	–	–	–	–	68.3	–
157.0	40.0	–	114.3	–	–	–	3.2	–	–	–	–	18.7	–
157.0	45.0	–	81.9	–	–	–	6.7	–	–	–	–	43.2	–
157.0	50.0	–	3.0	–	–	–	64.2	–	–	–	–	46.2	–
157.0	55.0	–	45.0	–	–	–	3.0	–	–	–	–	18.1	–
157.0	60.0	–	6.1	–	–	–	78.5	–	–	–	–	6.1	–

TABLE 4. (cont.)

Hygophum reinhardtii

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0 90.0	0.0	0.0	0.0	0.0	–	–	0.0	–	–	–	3.1	–
87.0 60.0	0.0	2.7	0.0	–	–	–	0.0	–	–	–	–	–
87.0 70.0	–	0.0	9.7	–	–	–	0.0	–	–	–	–	–
90.0 120.0	–	–	–	3.2	–	–	–	–	0.0	–	–	–
90.0 140.0	–	–	–	0.0	–	–	–	–	6.4	–	–	–
97.0 60.0	0.0	2.8	0.0	–	–	–	0.0	–	–	–	–	–
100.0 100.0	–	–	–	–	0.0	–	–	–	–	2.9	–	–
100.0 120.0	–	–	–	–	0.0	–	–	–	–	6.0	–	–
130.0 90.0	–	–	–	–	0.0	–	–	–	–	2.7	–	–
140.0 120.0	–	–	–	–	0.0	–	–	–	–	–	14.3	–
150.0 70.0	–	–	–	–	–	0.0	–	–	–	–	2.9	–
150.0 110.0	–	–	–	–	–	0.0	–	–	–	–	6.3	–

Loweina rara

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0 120.0	–	–	–	–	3.1	–	–	–	–	0.0	–	–
150.0 110.0	–	–	–	–	–	2.8	–	–	–	–	0.0	–

Myctophum aurolaternatum

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
147.0 30.0	–	6.1	–	–	–	–	–	–	–	–	–	–
150.0 40.0	–	13.6	–	–	–	0.0	–	–	–	–	0.0	–
150.0 45.0	–	10.0	–	–	–	0.0	–	–	–	–	0.0	–
150.0 50.0	–	3.2	–	–	–	0.0	–	–	–	–	0.0	–
150.0 55.0	–	3.5	–	–	–	0.0	–	–	–	–	0.0	–
153.0 30.0	–	6.9	–	–	–	–	–	–	–	–	–	–
153.0 40.0	–	6.7	–	–	–	–	–	–	–	–	–	–
153.0 45.0	–	19.0	–	–	–	–	–	–	–	–	–	–
157.0 10.0	–	3.2	–	–	–	0.0	–	–	–	–	23.9	–
157.0 15.0	–	3.2	–	–	–	0.0	–	–	–	–	0.0	–
157.0 20.0	–	0.0	–	–	–	0.0	–	–	–	–	30.9	–
157.0 25.0	–	6.4	–	–	–	0.0	–	–	–	–	0.0	–
157.0 30.0	–	0.0	–	–	–	0.0	–	–	–	–	6.3	–
157.0 35.0	–	25.5	–	–	–	0.0	–	–	–	–	6.5	–
157.0 40.0	–	0.0	–	–	–	0.0	–	–	–	–	6.2	–
157.0 45.0	–	0.0	–	–	–	0.0	–	–	–	–	14.4	–
157.0 50.0	–	0.0	–	–	–	0.0	–	–	–	–	9.2	–
157.0 55.0	–	18.0	–	–	–	0.0	–	–	–	–	3.0	–

TABLE 4. (cont.)

Myctophum nitidulum

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	90.0	0.0	0.0	0.0	0.0	–	–	0.0	–	–	–	3.1	–
87.0	70.0	–	2.9	0.0	–	–	–	0.0	–	–	–	–	–
90.0	90.0	0.0	0.0	0.0	0.0	–	–	0.0	–	3.2	–	–	–
100.0	90.0	0.0	0.0	0.0	–	0.0	–	2.8	–	–	0.0	–	–
100.0	100.0	–	–	–	–	0.0	–	–	–	–	8.6	–	–
100.0	120.0	–	–	–	–	3.1	–	–	–	–	9.0	–	–
100.0	140.0	–	–	–	–	0.0	–	–	–	–	5.7	–	–
103.0	80.0	0.0	0.0	3.2	–	–	–	0.0	–	–	–	–	–
127.0	34.0	0.0	3.2	0.0	–	–	–	0.0	–	–	–	–	–
127.0	40.0	0.0	6.5	0.0	–	–	–	0.0	–	–	–	–	–
130.0	60.0	3.3	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
140.0	45.0	–	0.0	–	–	–	2.9	–	–	–	–	0.0	–

Protomyctophum crockeri

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	40.0	–	0.0	–	–	6.9	–	–	–	–	3.3	–	–
40.0	45.0	–	18.1	–	–	0.0	–	–	–	–	0.0	–	–
40.0	50.0	–	73.0	–	–	0.0	–	–	–	–	0.0	–	–
40.0	55.0	–	27.1	–	–	3.3	–	–	–	–	2.4	–	–
40.0	60.0	–	8.9	–	–	7.1	–	–	–	–	0.0	–	–
40.0	65.0	–	9.0	–	–	0.0	–	–	–	–	17.9	–	–
40.0	70.0	–	–	–	–	0.0	–	–	–	–	2.9	–	–
40.0	80.0	–	–	–	–	20.9	–	–	–	–	6.0	–	–
40.0	90.0	–	–	–	–	8.1	–	–	–	–	3.2	–	–
40.0	180.0	–	–	–	–	–	–	–	–	–	–	2.9	–
43.0	45.0	–	12.8	–	–	–	–	0.0	–	–	–	–	–
43.0	50.0	–	25.4	–	–	–	–	12.4	–	–	–	–	–
43.0	60.0	–	12.2	–	–	–	–	12.7	–	–	–	–	–
43.0	65.0	–	116.8	–	–	–	–	0.0	–	–	–	–	–
43.0	70.0	–	13.3	–	–	–	–	3.3	–	–	–	–	–
47.0	50.0	–	53.8	–	–	–	–	0.0	–	–	–	–	–
47.0	65.0	–	11.0	–	–	–	–	0.0	–	–	–	–	–
47.0	70.0	–	70.4	–	–	–	–	0.0	–	–	–	–	–
47.0	80.0	–	75.2	–	–	–	–	12.8	–	–	–	–	–
50.0	47.0	–	0.0	–	–	0.0	–	12.3	–	–	–	0.0	–
50.0	50.0	–	31.0	–	–	0.0	–	0.0	–	–	–	0.0	–
50.0	55.0	–	27.0	–	–	0.0	–	11.3	–	–	–	13.5	–
50.0	60.0	–	0.0	–	–	5.8	–	11.1	–	–	–	6.4	–
50.0	65.0	–	12.2	–	–	0.0	–	28.3	–	–	–	9.5	–
50.0	70.0	–	48.8	–	–	0.0	–	0.0	–	–	–	0.0	–
50.0	80.0	–	0.0	–	–	0.0	–	6.2	–	–	–	0.0	–
50.0	90.0	–	13.5	–	–	0.0	–	3.1	–	–	–	0.0	–
50.0	100.0	–	–	–	–	3.5	–	–	–	–	–	18.4	–
50.0	120.0	–	–	–	–	3.2	–	–	–	–	–	3.0	–

TABLE 4. (cont.)

Protomyctophum crockeri (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
53.0	55.0	-	-	13.3	-	-	-	0.0	-	-	-	-	-
53.0	80.0	-	-	69.4	-	-	-	46.1	-	-	-	-	-
57.0	65.0	-	-	0.0	-	-	-	13.4	-	-	-	-	-
60.0	52.0	-	0.0	0.0	0.0	-	-	0.0	-	-	-	3.2	-
60.0	60.0	-	0.0	1.8	0.0	-	-	0.0	-	-	-	3.2	-
60.0	65.0	-	9.3	10.0	0.0	-	-	13.0	-	-	-	3.0	-
60.0	70.0	-	6.7	5.1	0.0	-	-	12.7	-	-	-	0.0	-
60.0	80.0	-	-	23.6	0.0	-	-	0.0	-	-	-	0.0	-
60.0	90.0	-	-	23.7	6.8	-	-	0.0	-	-	-	2.8	-
60.0	100.0	-	-	-	8.8	-	-	-	-	-	-	6.5	-
60.0	120.0	-	-	-	3.8	-	-	-	-	-	3.1	-	-
63.0	52.0	-	0.0	0.0	-	-	-	11.8	-	-	-	-	-
63.0	55.0	5.7	0.0	0.0	-	-	-	0.0	-	-	-	-	-
63.0	60.0	6.0	3.3	7.1	-	-	-	0.0	-	-	-	-	-
63.0	65.0	-	6.7	0.0	-	-	-	0.0	-	-	-	-	-
63.0	70.0	-	6.3	19.7	-	-	-	0.0	-	-	-	-	-
63.0	80.0	-	-	4.7	-	-	-	0.0	-	-	-	-	-
63.0	90.0	-	-	14.0	-	-	-	3.4	-	-	-	-	-
67.0	50.0	0.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
67.0	55.0	2.6	5.7	7.4	-	-	-	13.0	-	-	-	-	-
67.0	65.0	-	3.1	0.0	-	-	-	0.0	-	-	-	-	-
67.0	80.0	-	-	35.5	-	-	-	13.0	-	-	-	-	-
67.0	90.0	-	-	34.9	-	-	-	15.4	-	-	-	-	-
70.0	51.0	3.1	3.0	-	0.0	-	-	0.0	-	-	-	0.0	-
70.0	53.0	0.0	0.0	6.8	3.1	-	-	0.0	-	-	-	5.4	-
70.0	60.0	3.2	3.7	3.2	0.0	-	-	13.6	-	-	-	0.0	-
70.0	65.0	-	6.8	3.0	0.0	-	-	0.0	-	-	-	2.7	-
70.0	70.0	7.5	7.8	1.6	10.3	-	-	0.0	-	-	-	7.8	-
70.0	80.0	7.0	3.5	0.0	3.9	-	-	0.0	-	-	-	2.8	-
70.0	90.0	0.0	3.1	8.1	2.8	-	-	0.0	-	-	-	0.0	-
73.0	60.0	10.6	0.0	1.7	-	-	-	9.0	-	-	-	-	-
73.0	65.0	3.5	0.0	0.0	-	-	-	-	-	-	-	-	-
73.0	70.0	13.6	4.1	3.3	-	-	-	-	-	-	-	-	-
73.0	80.0	15.5	3.0	8.1	-	-	-	-	-	-	-	-	-
73.0	90.0	3.7	3.2	23.8	-	-	-	-	-	-	-	-	-
77.0	51.0	0.0	0.0	9.5	-	-	-	0.0	-	-	-	-	-
77.0	55.0	0.0	4.2	0.0	-	-	-	0.0	-	-	-	-	-
77.0	60.0	3.4	9.8	8.2	-	-	-	0.0	-	-	-	-	-
77.0	65.0	3.3	0.0	19.9	-	-	-	0.0	-	-	-	-	-
77.0	70.0	3.3	0.0	1.8	-	-	-	0.0	-	-	-	-	-
77.0	80.0	0.0	0.0	1.7	-	-	-	-	-	-	-	-	-
77.0	90.0	14.0	-	2.9	-	-	-	-	-	-	-	-	-
80.0	52.0	11.1	20.8	0.0	0.0	-	-	0.0	-	-	0.0	-	-
80.0	55.0	0.0	3.4	0.0	0.0	-	-	0.0	-	-	-	0.0	-
80.0	60.0	3.8	3.6	0.0	0.0	-	-	13.2	-	-	-	9.4	-
80.0	70.0	0.0	12.6	12.3	0.0	-	-	0.0	-	-	-	0.0	-

TABLE 4. (cont.)

Protomyctophum crockeri (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	80.0	0.0	0.0	12.9	16.9	–	–	0.0	–	–	–	0.0	–
80.0	90.0	3.5	0.0	0.0	26.6	–	–	3.8	–	–	–	0.0	–
83.0	55.0	5.2	3.3	0.0	–	–	–	0.0	–	–	–	–	–
83.0	60.0	10.5	0.0	2.9	–	–	–	0.0	–	–	–	–	–
83.0	70.0	4.5	0.0	0.0	–	–	–	7.7	–	–	–	–	–
83.0	75.0	–	–	–	–	–	–	5.7	–	–	–	–	–
83.0	80.0	3.7	0.0	8.9	–	–	–	3.0	–	–	–	–	–
83.0	90.0	10.2	6.3	11.8	–	–	–	5.7	–	–	–	–	–
87.0	35.0	–	0.0	6.0	–	–	–	0.0	–	–	–	–	–
87.0	40.0	0.0	3.2	–	–	–	–	0.0	–	–	–	–	–
87.0	55.0	8.2	3.2	6.8	–	–	–	0.0	–	–	–	–	–
87.0	60.0	0.0	0.0	6.6	–	–	–	0.0	–	–	–	–	–
87.0	70.0	–	2.9	0.0	–	–	–	0.0	–	–	–	–	–
87.0	80.0	6.9	10.3	12.3	–	–	–	0.0	–	–	–	–	–
87.0	90.0	–	0.0	18.5	–	–	–	2.9	–	–	–	–	–
90.0	32.0	0.0	0.0	0.0	0.0	–	–	0.0	–	6.5	–	–	–
90.0	37.0	0.0	0.0	3.2	0.0	–	–	11.2	–	2.9	–	–	–
90.0	45.0	0.0	0.0	3.2	0.0	–	–	0.0	–	0.0	–	–	–
90.0	53.0	14.9	0.0	3.1	3.2	–	–	0.0	–	0.0	–	–	–
90.0	60.0	0.0	0.0	2.9	29.8	–	–	0.0	–	–	–	–	–
90.0	70.0	9.8	6.9	6.4	24.2	–	–	3.5	–	5.9	–	–	–
90.0	80.0	0.0	0.0	18.1	6.0	–	–	5.8	–	0.0	–	–	–
90.0	90.0	5.1	0.0	3.2	0.0	–	–	3.2	–	3.2	–	–	–
90.0	100.0	–	–	–	3.1	–	–	–	–	0.0	–	–	–
90.0	120.0	–	–	–	3.2	–	–	–	–	0.0	–	–	–
93.0	27.0	4.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–
93.0	30.0	2.7	0.0	0.0	–	–	–	11.8	–	–	–	–	–
93.0	35.0	2.9	0.0	0.0	–	–	–	24.1	–	–	–	–	–
93.0	40.0	0.0	3.1	0.0	–	–	–	0.0	–	–	–	–	–
93.0	45.0	3.7	6.2	6.2	–	–	–	0.0	–	–	–	–	–
93.0	50.0	–	17.0	3.2	–	–	–	0.0	–	–	–	–	–
93.0	55.0	–	0.0	13.3	–	–	–	0.0	–	–	–	–	–
93.0	60.0	0.0	6.3	15.5	–	–	–	0.0	–	–	–	–	–
93.0	70.0	3.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–
93.0	80.0	6.6	6.8	9.1	–	–	–	4.3	–	–	–	–	–
93.0	90.0	6.8	0.0	6.7	–	–	–	3.4	–	–	–	–	–
93.0	100.0	–	0.0	–	–	–	–	2.9	–	–	–	–	–
93.0	120.0	–	8.2	–	–	–	–	0.0	–	–	–	–	–
97.0	32.0	4.9	3.0	0.0	–	–	–	0.0	–	–	–	–	–
97.0	35.0	0.0	2.9	3.9	–	–	–	0.0	–	–	–	–	–
97.0	45.0	0.0	11.6	3.2	–	–	–	10.7	–	–	–	–	–
97.0	50.0	3.1	0.0	0.0	–	–	–	11.8	–	–	–	–	–
97.0	55.0	0.0	2.9	0.0	–	–	–	0.0	–	–	–	–	–
97.0	60.0	0.0	2.8	8.4	–	–	–	0.0	–	–	–	–	–
97.0	80.0	9.1	6.0	8.3	–	–	–	26.4	–	–	–	–	–
97.0	90.0	6.2	5.4	9.9	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Protomyctophum crockeri (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	29.0	0.0	0.0	3.2	–	6.5	–	0.0	–	–	0.0	–	–
100.0	30.0	0.0	0.0	3.4	–	3.3	–	0.0	–	–	5.7	–	–
100.0	40.0	7.6	0.0	0.0	–	3.3	–	0.0	–	–	0.0	–	–
100.0	50.0	2.7	0.0	3.0	–	7.3	–	12.9	–	–	11.0	–	–
100.0	60.0	6.7	20.0	12.5	–	18.2	–	0.0	–	–	3.0	–	–
100.0	70.0	3.1	5.9	22.3	–	18.1	–	0.0	–	–	0.0	–	–
100.0	80.0	6.0	6.8	12.1	–	3.3	–	9.0	–	–	0.0	–	–
100.0	90.0	25.4	3.2	5.9	–	9.6	–	5.5	–	–	0.0	–	–
100.0	100.0	–	–	–	–	6.1	–	–	–	–	0.0	–	–
100.0	120.0	–	–	–	–	30.8	–	–	–	–	0.0	–	–
100.0	140.0	–	–	–	–	5.9	–	–	–	–	5.7	–	–
103.0	35.0	6.9	0.0	7.4	–	–	–	–	–	–	–	–	–
103.0	45.0	3.1	2.9	0.0	–	–	–	10.8	–	–	–	–	–
103.0	50.0	3.2	3.0	0.0	–	–	–	0.0	–	–	–	–	–
103.0	55.0	–	16.6	–	–	–	–	–	–	–	–	–	–
103.0	60.0	25.5	8.6	14.8	–	–	–	0.0	–	–	–	–	–
103.0	70.0	2.9	21.5	25.7	–	–	–	0.0	–	–	–	–	–
103.0	80.0	0.0	0.0	19.3	–	–	–	11.6	–	–	–	–	–
107.0	32.0	3.0	0.0	0.0	–	–	–	0.0	–	–	–	–	–
107.0	35.0	0.0	6.8	3.6	–	–	–	0.0	–	–	–	–	–
107.0	40.0	0.0	7.9	0.0	–	–	–	0.0	–	–	–	–	–
107.0	50.0	3.1	3.0	3.3	–	–	–	0.0	–	–	–	–	–
107.0	60.0	0.0	8.1	6.5	–	–	–	0.0	–	–	–	–	–
107.0	70.0	2.9	22.9	16.5	–	–	–	0.0	–	–	–	–	–
107.0	80.0	0.0	26.6	6.1	–	–	–	5.8	–	–	–	–	–
110.0	35.0	–	0.0	3.3	–	3.0	–	0.0	–	–	0.0	–	–
110.0	36.0	9.8	–	–	–	–	–	–	–	–	–	–	–
110.0	40.0	0.0	0.0	0.0	–	7.6	–	0.0	–	–	0.0	–	–
110.0	45.0	3.0	0.0	0.0	–	6.7	–	0.0	–	–	0.0	–	–
110.0	50.0	0.0	9.9	3.1	–	0.0	–	0.0	–	–	0.0	–	–
110.0	55.0	0.0	0.0	3.6	–	12.6	–	0.0	–	–	3.2	–	–
110.0	60.0	6.2	0.0	6.7	–	3.3	–	0.0	–	–	6.1	–	–
110.0	70.0	0.0	6.1	12.2	–	8.9	–	5.7	–	–	0.0	–	–
110.0	80.0	3.2	28.2	0.0	–	0.0	–	0.0	–	–	0.0	–	–
113.0	40.0	3.1	0.0	3.2	–	–	–	0.0	–	–	–	–	–
113.0	50.0	3.3	10.1	0.0	–	–	–	0.0	–	–	–	–	–
113.0	60.0	3.3	0.0	0.0	–	–	–	0.0	–	–	–	–	–
113.0	70.0	0.0	0.0	2.9	–	–	–	0.0	–	–	–	–	–
113.0	80.0	0.0	5.6	28.7	–	–	–	0.0	–	–	–	–	–
117.0	40.0	0.0	0.0	2.8	–	–	–	0.0	–	–	–	–	–
117.0	50.0	0.0	2.8	0.0	–	–	–	0.0	–	–	–	–	–
117.0	60.0	3.4	0.0	3.2	–	–	–	0.0	–	–	–	–	–
117.0	80.0	0.0	2.7	6.1	–	–	–	12.1	–	–	–	–	–
120.0	45.0	0.0	10.2	0.0	–	0.0	–	0.0	–	–	3.0	–	–
120.0	50.0	3.0	9.2	0.0	–	0.0	–	0.0	–	–	9.1	–	–
120.0	60.0	3.1	6.7	0.0	–	0.0	–	0.0	–	–	3.1	–	–

TABLE 4. (cont.)

Protomyctophum crockeri (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	70.0	0.0	0.0	14.1	–	2.9	–	2.9	–	–	0.0	–	–
120.0	80.0	0.0	6.3	10.0	–	14.1	–	0.0	–	–	6.1	–	–
123.0	50.0	0.0	3.0	0.0	–	–	–	0.0	–	–	–	–	–
123.0	60.0	0.0	0.0	6.1	–	–	–	2.8	–	–	–	–	–
127.0	50.0	0.0	0.0	0.0	–	–	–	11.6	–	–	–	–	–
127.0	60.0	0.0	3.3	0.0	–	–	–	0.0	–	–	–	–	–
130.0	40.0	0.0	0.0	0.0	–	3.0	–	0.0	–	–	0.0	–	–
130.0	60.0	0.0	0.0	0.0	–	0.0	–	5.3	–	–	0.0	–	–
130.0	80.0	–	–	–	–	0.0	–	–	–	–	11.9	–	–
130.0	90.0	–	–	–	–	5.9	–	–	–	–	0.0	–	–
133.0	50.0	6.5	0.0	0.0	–	–	–	0.0	–	–	–	–	–
140.0	90.0	–	–	–	–	2.8	–	–	–	–	–	3.0	–
140.0	120.0	–	–	–	–	3.0	–	–	–	–	–	0.0	–

Protomyctophum thompsoni

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	40.0	–	0.0	–	–	3.5	–	–	–	–	0.0	–	–
40.0	45.0	–	36.2	–	–	0.0	–	–	–	–	0.0	–	–
40.0	50.0	–	14.6	–	–	0.0	–	–	–	–	0.0	–	–
40.0	55.0	–	13.6	–	–	0.0	–	–	–	–	2.4	–	–
40.0	60.0	–	0.0	–	–	7.1	–	–	–	–	0.0	–	–
40.0	65.0	–	0.0	–	–	0.0	–	–	–	–	3.6	–	–
40.0	80.0	–	–	–	–	3.5	–	–	–	–	0.0	–	–
40.0	100.0	–	–	–	–	–	–	–	–	–	3.3	–	–
43.0	65.0	–	35.0	–	–	–	–	0.0	–	–	–	–	–
47.0	80.0	–	30.1	–	–	–	–	0.0	–	–	–	–	–
50.0	55.0	–	12.5	–	–	0.0	–	0.0	–	–	–	0.0	–
50.0	100.0	–	–	–	–	3.5	–	–	–	–	–	0.0	–
60.0	60.0	–	0.0	0.0	0.0	–	–	0.0	–	–	–	3.2	–

Symbolophorus californiensis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	80.0	–	0.0	–	–	0.0	–	3.1	–	–	–	0.0	–
50.0	120.0	–	–	–	–	0.0	–	–	–	–	–	6.0	–
60.0	100.0	–	–	–	8.8	–	–	–	–	–	–	0.0	–
63.0	90.0	–	–	0.0	–	–	–	65.4	–	–	–	–	–
67.0	80.0	–	–	1.6	–	–	–	0.0	–	–	–	–	–
67.0	90.0	–	–	35.6	–	–	–	0.0	–	–	–	–	–
70.0	90.0	0.0	0.0	0.0	2.8	–	–	0.0	–	–	–	0.0	–
73.0	60.0	0.0	3.1	0.0	–	–	–	0.0	–	–	–	–	–
73.0	70.0	3.4	0.0	0.0	–	–	–	–	–	–	–	–	–
80.0	60.0	0.0	0.0	3.2	0.0	–	–	0.0	–	–	–	3.1	–

TABLE 4. (cont.)

Symbolophorus californiensis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	90.0	0.0	0.0	0.0	0.0	–	–	41.8	–	–	–	6.2	–
83.0	60.0	0.0	0.0	0.0	–	–	–	12.9	–	–	–	–	–
83.0	70.0	0.0	0.0	0.0	–	–	–	102.4	–	–	–	–	–
83.0	75.0	–	–	–	–	–	–	11.5	–	–	–	–	–
83.0	80.0	0.0	0.0	0.0	–	–	–	42.7	–	–	–	–	–
83.0	90.0	0.0	0.0	0.0	–	–	–	25.7	–	–	–	–	–
87.0	70.0	–	0.0	6.5	–	–	–	14.8	–	–	–	–	–
87.0	80.0	0.0	5.2	12.3	–	–	–	2.7	–	–	–	–	–
87.0	90.0	–	0.0	9.3	–	–	–	23.4	–	–	–	–	–
90.0	60.0	0.0	0.0	0.0	3.0	–	–	0.0	–	–	–	–	–
90.0	70.0	0.0	0.0	6.4	3.0	–	–	0.0	–	0.0	–	–	–
90.0	80.0	0.0	0.0	0.0	18.1	–	–	0.0	–	3.3	–	–	–
90.0	90.0	5.1	0.0	88.2	0.0	–	–	0.0	–	0.0	–	–	–
90.0	120.0	–	–	–	113.4	–	–	–	–	9.6	–	–	–
90.0	140.0	–	–	–	6.4	–	–	–	–	0.0	–	–	–
93.0	45.0	0.0	6.2	0.0	–	–	–	0.0	–	–	–	–	–
93.0	50.0	–	4.3	0.0	–	–	–	0.0	–	–	–	–	–
93.0	60.0	0.0	0.0	9.3	–	–	–	0.0	–	–	–	–	–
93.0	80.0	13.3	6.8	0.0	–	–	–	0.0	–	–	–	–	–
93.0	90.0	0.0	3.2	10.1	–	–	–	0.0	–	–	–	–	–
93.0	100.0	–	8.6	–	–	–	–	37.3	–	–	–	–	–
93.0	120.0	–	0.0	–	–	–	–	2.9	–	–	–	–	–
97.0	50.0	0.0	3.0	0.0	–	–	–	23.5	–	–	–	–	–
97.0	55.0	0.0	0.0	3.4	–	–	–	0.0	–	–	–	–	–
97.0	60.0	3.9	0.0	0.0	–	–	–	0.0	–	–	–	–	–
97.0	70.0	0.0	0.0	0.0	–	–	–	3.0	–	–	–	–	–
97.0	90.0	3.1	0.0	46.3	–	–	–	8.1	–	–	–	–	–
100.0	30.0	0.0	3.2	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	50.0	2.7	0.0	0.0	–	7.3	–	0.0	–	–	0.0	–	–
100.0	60.0	0.0	13.4	3.1	–	24.2	–	0.0	–	–	0.0	–	–
100.0	70.0	0.0	0.0	0.0	–	0.0	–	11.7	–	–	0.0	–	–
100.0	80.0	12.0	0.0	3.0	–	13.3	–	15.1	–	–	0.0	–	–
100.0	90.0	3.2	0.0	26.4	–	41.6	–	0.0	–	–	15.3	–	–
100.0	100.0	–	–	–	–	9.1	–	–	–	–	2.9	–	–
100.0	120.0	–	–	–	–	3.1	–	–	–	–	0.0	–	–
100.0	140.0	–	–	–	–	3.0	–	–	–	–	0.0	–	–
103.0	45.0	6.3	0.0	0.0	–	–	–	0.0	–	–	–	–	–
103.0	55.0	–	2.8	–	–	–	–	–	–	–	–	–	–
103.0	60.0	3.2	0.0	5.9	–	–	–	0.0	–	–	–	–	–
103.0	70.0	0.0	0.0	12.8	–	–	–	0.0	–	–	–	–	–
103.0	80.0	0.0	0.0	16.1	–	–	–	0.0	–	–	–	–	–
107.0	40.0	0.0	2.6	0.0	–	–	–	0.0	–	–	–	–	–
107.0	60.0	0.0	0.0	3.2	–	–	–	0.0	–	–	–	–	–
107.0	70.0	0.0	0.0	3.3	–	–	–	0.0	–	–	–	–	–
107.0	80.0	0.0	5.9	3.0	–	–	–	0.0	–	–	–	–	–
110.0	40.0	0.0	0.0	0.0	–	2.5	–	0.0	–	–	0.0	–	–

TABLE 4. (cont.)

Symbolophorus californiensis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	45.0	0.0	0.0	0.0	–	3.4	–	0.0	–	–	0.0	–	–
110.0	50.0	0.0	0.0	6.2	–	0.0	–	0.0	–	–	0.0	–	–
110.0	60.0	3.1	0.0	0.0	–	0.0	–	5.6	–	–	0.0	–	–
110.0	70.0	0.0	3.1	3.1	–	0.0	–	0.0	–	–	0.0	–	–
110.0	80.0	0.0	0.0	3.2	–	0.0	–	5.7	–	–	3.2	–	–
113.0	60.0	0.0	0.0	0.0	–	–	–	5.1	–	–	–	–	–
113.0	80.0	0.0	0.0	3.2	–	–	–	2.7	–	–	–	–	–
117.0	70.0	0.0	0.0	0.0	–	–	–	2.8	–	–	–	–	–
118.0	39.0	–	0.0	0.0	–	–	–	12.6	–	–	–	–	–
120.0	50.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–
120.0	80.0	0.0	0.0	0.0	–	2.8	–	0.0	–	–	0.0	–	–

Tarletonbeania crenularis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	40.0	–	10.2	–	–	10.4	–	–	–	–	26.3	–	–
40.0	45.0	–	108.7	–	–	0.0	–	–	–	–	13.5	–	–
40.0	50.0	–	116.8	–	–	0.0	–	–	–	–	15.7	–	–
40.0	55.0	–	284.8	–	–	32.6	–	–	–	–	21.5	–	–
40.0	60.0	–	186.5	–	–	10.7	–	–	–	–	14.5	–	–
40.0	65.0	–	72.0	–	–	0.0	–	–	–	–	28.6	–	–
40.0	70.0	–	–	–	–	4.6	–	–	–	–	70.6	–	–
40.0	80.0	–	–	–	–	59.2	–	–	–	–	51.3	–	–
40.0	90.0	–	–	–	–	24.4	–	–	–	–	3.2	–	–
40.0	100.0	–	–	–	–	–	–	–	–	–	10.1	–	–
43.0	45.0	–	38.5	–	–	–	–	13.2	–	–	–	–	–
43.0	50.0	–	139.5	–	–	–	–	12.4	–	–	–	–	–
43.0	55.0	–	40.3	–	–	–	–	0.0	–	–	–	–	–
43.0	60.0	–	134.6	–	–	–	–	0.0	–	–	–	–	–
43.0	65.0	–	198.6	–	–	–	–	0.0	–	–	–	–	–
43.0	70.0	–	212.5	–	–	–	–	3.3	–	–	–	–	–
47.0	50.0	–	204.4	–	–	–	–	42.4	–	–	–	–	–
47.0	55.0	–	80.9	–	–	–	–	0.0	–	–	–	–	–
47.0	60.0	–	45.9	–	–	–	–	12.1	–	–	–	–	–
47.0	65.0	–	110.4	–	–	–	–	12.0	–	–	–	–	–
47.0	70.0	–	211.2	–	–	–	–	23.8	–	–	–	–	–
47.0	80.0	–	391.0	–	–	–	–	19.3	–	–	–	–	–
50.0	47.0	–	0.0	–	–	3.0	–	0.0	–	–	–	5.9	–
50.0	50.0	–	0.0	–	–	0.0	–	0.0	–	–	–	17.7	–
50.0	55.0	–	40.4	–	–	0.0	–	0.0	–	–	–	32.4	–
50.0	60.0	–	65.4	–	–	8.8	–	22.2	–	–	–	41.3	–
50.0	65.0	–	61.2	–	–	0.0	–	0.0	–	–	–	22.1	–
50.0	70.0	–	73.2	–	–	0.0	–	0.0	–	–	–	42.0	–
50.0	80.0	–	37.2	–	–	3.0	–	6.2	–	–	–	2.9	–
50.0	90.0	–	0.0	–	–	0.0	–	6.1	–	–	–	59.6	–

TABLE 4. (cont.)

Tarletonbeania crenularis (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0 100.0	-	-	-	-	0.0	-	-	-	-	-	12.3	-
50.0 120.0	-	-	-	-	3.2	-	-	-	-	-	3.0	-
53.0 52.0	-	-	13.9	-	-	-	0.0	-	-	-	-	-
53.0 60.0	-	-	0.0	-	-	-	39.2	-	-	-	-	-
53.0 65.0	-	-	15.2	-	-	-	33.5	-	-	-	-	-
53.0 70.0	-	-	0.0	-	-	-	28.4	-	-	-	-	-
53.0 80.0	-	-	23.1	-	-	-	11.5	-	-	-	-	-
53.0 90.0	-	-	-	-	-	-	3.1	-	-	-	-	-
57.0 51.0	-	-	27.4	-	-	-	-	-	-	-	-	-
57.0 55.0	-	-	12.1	-	-	-	0.0	-	-	-	-	-
57.0 60.0	-	-	0.0	-	-	-	72.4	-	-	-	-	-
57.0 65.0	-	-	16.7	-	-	-	0.0	-	-	-	-	-
57.0 70.0	-	-	14.7	-	-	-	13.0	-	-	-	-	-
57.0 80.0	-	-	50.7	-	-	-	37.0	-	-	-	-	-
57.0 90.0	-	-	-	-	-	-	2.9	-	-	-	-	-
60.0 55.0	-	0.0	0.0	0.0	-	-	0.0	-	-	-	19.7	-
60.0 60.0	-	50.5	69.6	3.9	-	-	37.4	-	-	-	73.6	-
60.0 65.0	-	32.5	24.0	4.1	-	-	169.5	-	-	-	23.7	-
60.0 70.0	-	20.0	29.8	0.0	-	-	50.9	-	-	-	13.3	-
60.0 80.0	-	-	56.9	0.0	-	-	0.0	-	-	-	16.6	-
60.0 90.0	-	-	34.3	13.6	-	-	32.5	-	-	-	5.6	-
60.0 100.0	-	-	-	2.9	-	-	-	-	-	-	6.5	-
60.0 120.0	-	-	-	0.0	-	-	-	-	-	15.3	-	-
63.0 55.0	5.7	24.1	3.4	-	-	-	14.1	-	-	-	-	-
63.0 60.0	15.1	32.5	44.8	-	-	-	38.0	-	-	-	-	-
63.0 65.0	-	59.9	9.0	-	-	-	37.6	-	-	-	-	-
63.0 70.0	-	3.2	34.1	-	-	-	24.7	-	-	-	-	-
63.0 80.0	-	-	10.8	-	-	-	11.8	-	-	-	-	-
63.0 90.0	-	-	9.4	-	-	-	3.4	-	-	-	-	-
67.0 48.0	-	20.6	0.0	-	-	-	0.0	-	-	-	-	-
67.0 50.0	5.7	59.0	1.7	-	-	-	48.3	-	-	-	-	-
67.0 55.0	12.8	17.2	81.3	-	-	-	77.8	-	-	-	-	-
67.0 60.0	20.6	49.5	52.4	-	-	-	0.0	-	-	-	-	-
67.0 65.0	-	24.5	4.9	-	-	-	13.6	-	-	-	-	-
67.0 70.0	-	6.2	17.2	-	-	-	13.3	-	-	-	-	-
67.0 80.0	-	-	4.8	-	-	-	38.9	-	-	-	-	-
67.0 90.0	-	-	14.5	-	-	-	15.4	-	-	-	-	-
70.0 51.0	15.7	6.0	-	0.0	-	-	0.0	-	-	-	0.0	-
70.0 53.0	30.4	20.4	36.3	3.1	-	-	0.0	-	-	-	18.9	-
70.0 60.0	88.2	18.3	45.8	0.0	-	-	0.0	-	-	-	20.2	-
70.0 65.0	-	129.6	71.3	0.0	-	-	12.2	-	-	-	32.8	-
70.0 70.0	7.5	27.4	52.8	7.7	-	-	38.0	-	-	-	5.2	-
70.0 80.0	21.1	6.9	13.4	31.0	-	-	11.7	-	-	-	2.8	-
70.0 90.0	51.0	24.8	9.1	2.8	-	-	8.2	-	-	-	5.5	-
73.0 50.0	-	37.0	20.3	-	-	-	0.0	-	-	-	-	-
73.0 53.0	37.3	55.7	37.6	-	-	-	24.0	-	-	-	-	-

TABLE 4. (cont.)

Tarletonbeania crenularis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	60.0	88.0	58.3	71.9	–	–	–	72.0	–	–	–	–	–
73.0	65.0	63.5	57.2	16.9	–	–	–	–	–	–	–	–	–
73.0	70.0	64.8	37.3	44.9	–	–	–	–	–	–	–	–	–
73.0	80.0	104.8	0.0	73.7	–	–	–	–	–	–	–	–	–
73.0	90.0	3.7	9.7	26.8	–	–	–	–	–	–	–	–	–
77.0	48.0	0.0	19.9	37.3	–	–	–	0.0	–	–	–	–	–
77.0	51.0	21.7	48.0	46.1	–	–	–	16.9	–	–	–	–	–
77.0	55.0	3.4	20.8	28.3	–	–	–	11.6	–	–	–	–	–
77.0	60.0	20.5	19.7	46.1	–	–	–	0.0	–	–	–	–	–
77.0	65.0	23.2	22.2	92.2	–	–	–	12.9	–	–	–	–	–
77.0	70.0	110.2	18.2	22.8	–	–	–	0.0	–	–	–	–	–
77.0	80.0	94.2	34.0	58.6	–	–	–	–	–	–	–	–	–
77.0	90.0	38.5	–	24.1	–	–	–	–	–	–	–	–	–
80.0	51.0	0.0	3.1	7.7	0.0	–	–	0.0	–	–	0.0	–	–
80.0	52.0	25.8	48.4	3.3	0.0	–	–	0.0	–	–	0.0	–	–
80.0	55.0	0.0	0.0	24.4	16.5	–	–	0.0	–	–	–	0.0	–
80.0	60.0	120.6	18.2	107.4	3.6	–	–	0.0	–	–	–	9.4	–
80.0	70.0	7.5	66.2	40.0	25.3	–	–	11.5	–	–	–	0.0	–
80.0	80.0	6.6	6.8	35.5	8.5	–	–	0.0	–	–	–	0.0	–
80.0	90.0	28.2	41.0	55.1	36.6	–	–	0.0	–	–	–	0.0	–
82.0	47.0	0.0	0.0	9.5	–	–	–	0.0	–	–	–	–	–
83.0	40.0	0.0	1.7	0.0	–	–	–	0.0	–	–	–	–	–
83.0	43.0	0.0	3.3	–	–	–	–	0.0	–	–	–	–	–
83.0	51.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
83.0	55.0	0.0	6.5	20.7	–	–	–	0.0	–	–	–	–	–
83.0	60.0	7.0	10.4	17.4	–	–	–	0.0	–	–	–	–	–
83.0	70.0	13.6	6.9	31.3	–	–	–	0.0	–	–	–	–	–
83.0	80.0	11.1	54.6	71.3	–	–	–	0.0	–	–	–	–	–
83.0	90.0	20.5	9.5	38.5	–	–	–	0.0	–	–	–	–	–
87.0	35.0	–	0.0	0.0	–	–	–	10.8	–	–	–	–	–
87.0	50.0	5.4	0.0	0.0	–	–	–	–	–	–	–	–	–
87.0	55.0	41.2	6.4	23.7	–	–	–	0.0	–	–	–	–	–
87.0	60.0	15.4	10.7	3.3	–	–	–	11.3	–	–	–	–	–
87.0	70.0	–	2.9	0.0	–	–	–	3.0	–	–	–	–	–
87.0	80.0	0.0	18.1	15.3	–	–	–	0.0	–	–	–	–	–
87.0	90.0	–	3.1	12.4	–	–	–	0.0	–	–	–	–	–
90.0	37.0	0.0	3.7	0.0	0.0	–	–	0.0	–	0.0	–	–	–
90.0	45.0	3.2	7.0	12.7	0.0	–	–	0.0	–	0.0	–	–	–
90.0	53.0	27.3	0.0	0.0	3.2	–	–	0.0	–	0.0	–	–	–
90.0	60.0	0.0	9.5	2.9	8.9	–	–	0.0	–	–	–	–	–
90.0	70.0	0.0	6.9	12.9	3.0	–	–	3.5	–	0.0	–	–	–
90.0	80.0	2.9	0.0	15.1	9.1	–	–	2.9	–	0.0	–	–	–
90.0	90.0	5.1	3.3	0.0	0.0	–	–	0.0	–	0.0	–	–	–
90.0	120.0	–	–	–	6.5	–	–	–	–	0.0	–	–	–
90.0	140.0	–	–	–	3.2	–	–	–	–	0.0	–	–	–
93.0	30.0	0.0	0.0	3.1	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Tarletonbeania crenularis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	40.0	4.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–
93.0	45.0	0.0	3.1	0.0	–	–	–	0.0	–	–	–	–	–
93.0	50.0	–	4.3	0.0	–	–	–	0.0	–	–	–	–	–
93.0	55.0	–	0.0	0.0	–	–	–	12.7	–	–	–	–	–
93.0	60.0	5.3	3.1	3.1	–	–	–	0.0	–	–	–	–	–
93.0	70.0	0.0	2.7	5.9	–	–	–	0.0	–	–	–	–	–
93.0	80.0	0.0	3.4	18.1	–	–	–	0.0	–	–	–	–	–
93.0	90.0	0.0	3.2	10.1	–	–	–	0.0	–	–	–	–	–
97.0	32.0	0.0	3.0	0.0	–	–	–	0.0	–	–	–	–	–
97.0	35.0	0.0	2.9	0.0	–	–	–	0.0	–	–	–	–	–
97.0	40.0	0.0	0.0	3.3	–	–	–	0.0	–	–	–	–	–
97.0	50.0	0.0	0.0	3.4	–	–	–	0.0	–	–	–	–	–
97.0	55.0	6.7	2.9	0.0	–	–	–	0.0	–	–	–	–	–
97.0	60.0	0.0	0.0	11.2	–	–	–	0.0	–	–	–	–	–
97.0	70.0	0.0	10.8	0.0	–	–	–	0.0	–	–	–	–	–
97.0	80.0	0.0	6.0	11.0	–	–	–	0.0	–	–	–	–	–
97.0	90.0	3.1	2.7	9.9	–	–	–	0.0	–	–	–	–	–
100.0	29.0	0.0	0.0	0.0	–	16.3	–	0.0	–	–	0.0	–	–
100.0	30.0	0.0	3.2	17.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	50.0	8.1	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	60.0	3.4	0.0	6.3	–	0.0	–	0.0	–	–	0.0	–	–
100.0	70.0	0.0	0.0	12.8	–	3.0	–	0.0	–	–	3.0	–	–
100.0	80.0	0.0	0.0	6.1	–	0.0	–	0.0	–	–	0.0	–	–
100.0	90.0	0.0	0.0	5.9	–	0.0	–	0.0	–	–	0.0	–	–
103.0	35.0	0.0	0.0	3.7	–	–	–	–	–	–	–	–	–
103.0	40.0	0.0	3.0	0.0	–	–	–	–	–	–	–	–	–
103.0	45.0	3.1	0.0	0.0	–	–	–	0.0	–	–	–	–	–
103.0	50.0	3.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–
103.0	55.0	–	2.8	–	–	–	–	–	–	–	–	–	–
103.0	60.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
107.0	50.0	0.0	3.0	0.0	–	–	–	0.0	–	–	–	–	–

Synodus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	51.0	0.0	0.0	0.0	0.0	–	–	0.0	–	–	2.2	–	–
90.0	32.0	0.0	0.0	0.0	0.0	–	–	0.0	–	3.3	–	–	–
120.0	24.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	9.7	–	–
120.0	25.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	44.9	–	–
120.0	30.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	107.5	–	–
120.0	35.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	253.8	–	–
120.0	40.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	7.3	–	–
120.0	45.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–
150.0	25.0	–	0.0	–	–	–	3.5	–	–	–	–	12.4	–
150.0	30.0	–	0.0	–	–	–	6.7	–	–	–	–	0.0	–

TABLE 4. (cont.)

Bregmaceros spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	35.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.1	–	–
130.0	40.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	5.8	–	–
140.0	30.0	–	0.0	–	–	–	0.0	–	–	–	–	11.7	–
140.0	35.0	–	0.0	–	–	–	0.0	–	–	–	–	68.5	–
140.0	45.0	–	0.0	–	–	–	0.0	–	–	–	–	14.8	–
140.0	50.0	–	0.0	–	–	–	0.0	–	–	–	–	14.7	–
140.0	55.0	–	0.0	–	–	–	0.0	–	–	–	–	5.7	–
140.0	60.0	–	0.0	–	–	–	0.0	–	–	–	–	2.8	–
150.0	19.0	–	0.0	–	–	–	10.6	–	–	–	–	2.9	–
150.0	25.0	–	0.0	–	–	–	10.4	–	–	–	–	0.0	–
150.0	45.0	–	20.0	–	–	–	0.0	–	–	–	–	0.0	–
150.0	55.0	–	3.5	–	–	–	0.0	–	–	–	–	0.0	–
150.0	60.0	–	3.2	–	–	–	0.0	–	–	–	–	0.0	–
150.0	110.0	–	–	–	–	–	0.0	–	–	–	–	3.1	–
153.0	20.0	–	7.1	–	–	–	–	–	–	–	–	–	–
153.0	25.0	–	3.5	–	–	–	–	–	–	–	–	–	–
153.0	30.0	–	3.5	–	–	–	–	–	–	–	–	–	–
153.0	35.0	–	3.2	–	–	–	–	–	–	–	–	–	–
157.0	10.0	–	28.7	–	–	–	0.0	–	–	–	–	38.9	–
157.0	15.0	–	47.7	–	–	–	0.0	–	–	–	–	3.0	–
157.0	20.0	–	0.0	–	–	–	60.4	–	–	–	–	21.6	–
157.0	25.0	–	0.0	–	–	–	0.0	–	–	–	–	11.8	–
157.0	30.0	–	0.0	–	–	–	0.0	–	–	–	–	12.6	–
157.0	35.0	–	6.4	–	–	–	0.0	–	–	–	–	13.0	–
157.0	40.0	–	6.2	–	–	–	0.0	–	–	–	–	9.4	–
157.0	45.0	–	0.0	–	–	–	0.0	–	–	–	–	8.6	–
157.0	50.0	–	0.0	–	–	–	3.2	–	–	–	–	0.0	–
157.0	55.0	–	15.0	–	–	–	0.0	–	–	–	–	3.0	–
157.0	60.0	–	6.1	–	–	–	6.0	–	–	–	–	0.0	–

Gadidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	–	0.0	–	–	6.1	–	–	–	–	0.0	–	–

Microgadus proximus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	–	1.6	0.0	46.3	–	–	0.0	–	–	–	0.0	–
60.0	52.0	–	0.0	3.2	0.0	–	–	0.0	–	–	–	0.0	–
63.0	50.0	–	0.0	20.6	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Merluccius productus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	55.0	0.0	0.0	3.4	-	-	-	0.0	-	-	-	-	-
67.0	50.0	0.0	0.0	0.0	-	-	-	12.1	-	-	-	-	-
67.0	60.0	5.9	0.0	9.0	-	-	-	0.0	-	-	-	-	-
67.0	65.0	-	0.0	7.0	-	-	-	0.0	-	-	-	-	-
67.0	90.0	-	-	13.9	-	-	-	0.0	-	-	-	-	-
70.0	51.0	0.0	14.9	-	0.0	-	-	0.0	-	-	-	0.0	-
70.0	53.0	13.5	154.8	0.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	60.0	9.5	893.0	72.7	0.0	-	-	0.0	-	-	-	0.0	-
70.0	65.0	-	439.9	126.8	0.0	-	-	0.0	-	-	-	0.0	-
70.0	70.0	0.0	47.0	8.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	80.0	0.0	0.0	0.0	3.9	-	-	0.0	-	-	-	0.0	-
70.0	90.0	6.4	496.0	24.8	0.0	-	-	0.0	-	-	-	0.0	-
73.0	50.0	-	1086.8	1.4	-	-	-	0.0	-	-	-	-	-
73.0	53.0	0.0	81.6	53.5	-	-	-	0.0	-	-	-	-	-
73.0	60.0	0.0	2397.7	23.0	-	-	-	0.0	-	-	-	-	-
73.0	65.0	0.0	550.1	127.2	-	-	-	-	-	-	-	-	-
73.0	70.0	0.0	41.4	1731.0	-	-	-	-	-	-	-	-	-
73.0	80.0	0.0	0.0	153.6	-	-	-	-	-	-	-	-	-
73.0	90.0	3.7	22.6	42.0	-	-	-	-	-	-	-	-	-
77.0	48.0	0.0	1397.0	74.6	-	-	-	0.0	-	-	-	-	-
77.0	51.0	0.0	19592.2	20.6	-	-	-	0.0	-	-	-	-	-
77.0	55.0	6.8	1419.3	189.3	-	-	-	0.0	-	-	-	-	-
77.0	60.0	3.4	42.6	1171.7	-	-	-	0.0	-	-	-	-	-
77.0	65.0	0.0	5896.2	1951.0	-	-	-	0.0	-	-	-	-	-
77.0	70.0	0.0	308.7	1482.9	-	-	-	0.0	-	-	-	-	-
77.0	80.0	0.0	60.5	16.5	-	-	-	-	-	-	-	-	-
77.0	90.0	7.0	-	2.9	-	-	-	-	-	-	-	-	-
80.0	51.0	39.0	18.8	12.9	21.2	-	-	0.0	-	-	2.2	-	-
80.0	52.0	7.4	62.3	23.2	6.2	-	-	0.0	-	-	0.0	-	-
80.0	55.0	5.3	13.4	15.3	6.6	-	-	0.0	-	-	-	11.3	-
80.0	60.0	22.6	0.0	284.4	3.6	-	-	0.0	-	-	-	0.0	-
80.0	70.0	3.8	34.7	67.8	3.6	-	-	0.0	-	-	-	0.0	-
80.0	80.0	0.0	3.4	45.2	0.0	-	-	0.0	-	-	-	0.0	-
80.0	90.0	0.0	20.5	61.2	6.7	-	-	0.0	-	-	-	0.0	-
82.0	47.0	25.6	23.8	63.2	-	-	-	0.0	-	-	-	-	-
83.0	40.0	91.6	13.5	0.0	-	-	-	0.0	-	-	-	-	-
83.0	43.0	91.6	465.8	-	-	-	-	0.0	-	-	-	-	-
83.0	51.0	45.1	68.4	14.8	-	-	-	0.0	-	-	-	-	-
83.0	55.0	36.0	1943.0	112.5	-	-	-	0.0	-	-	-	-	-
83.0	60.0	21.0	1589.3	0.0	-	-	-	0.0	-	-	-	-	-
83.0	70.0	18.1	329.3	253.5	-	-	-	0.0	-	-	-	-	-
83.0	80.0	11.1	54.6	17.8	-	-	-	0.0	-	-	-	-	-
83.0	90.0	0.0	324.5	0.0	-	-	-	0.0	-	-	-	-	-
87.0	33.0	0.0	1.9	8.4	-	-	-	0.0	-	-	-	-	-
87.0	35.0	-	15.6	12.0	-	-	-	0.0	-	-	-	-	-
87.0	40.0	17.7	15.9	-	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Merluccius productus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	45.0	67.1	0.0	84.0	–	–	–	0.0	–	–	–	–	–
87.0	50.0	32.4	13.2	15.9	–	–	–	–	–	–	–	–	–
87.0	55.0	230.7	3296.7	118.7	–	–	–	0.0	–	–	–	–	–
87.0	60.0	11.5	6314.1	13.2	–	–	–	0.0	–	–	–	–	–
87.0	70.0	–	43.7	0.0	–	–	–	0.0	–	–	–	–	–
87.0	80.0	0.0	0.0	3.1	–	–	–	0.0	–	–	–	–	–
90.0	32.0	0.0	7.3	0.0	0.0	–	–	0.0	–	0.0	–	–	–
90.0	37.0	7.0	345.0	32.3	0.0	–	–	0.0	–	2.9	–	–	–
90.0	45.0	9.6	254.0	532.6	2.6	–	–	0.0	–	0.0	–	–	–
90.0	53.0	17.4	56.0	167.4	0.0	–	–	0.0	–	0.0	–	–	–
90.0	60.0	2.7	455.0	11.6	3.0	–	–	0.0	–	–	–	–	–
90.0	70.0	0.0	552.2	29.0	0.0	–	–	0.0	–	0.0	–	–	–
90.0	80.0	0.0	4.6	2107.0	60.4	–	–	0.0	–	0.0	–	–	–
90.0	90.0	0.0	3.3	37.8	20.6	–	–	0.0	–	0.0	–	–	–
90.0	120.0	–	–	–	3.2	–	–	–	–	0.0	–	–	–
93.0	30.0	2.7	0.0	3.1	–	–	–	0.0	–	–	–	–	–
93.0	35.0	0.0	6.1	6.3	–	–	–	0.0	–	–	–	–	–
93.0	40.0	8.5	6.3	25.2	–	–	–	0.0	–	–	–	–	–
93.0	45.0	160.4	34.2	3.1	–	–	–	0.0	–	–	–	–	–
93.0	50.0	–	4.3	0.0	–	–	–	0.0	–	–	–	–	–
93.0	55.0	–	339.1	23.3	–	–	–	0.0	–	–	–	–	–
93.0	60.0	68.4	50.2	6.2	–	–	–	0.0	–	–	–	–	–
93.0	70.0	0.0	108.4	14.9	–	–	–	0.0	–	–	–	–	–
93.0	80.0	0.0	219.7	48.3	–	–	–	0.0	–	–	–	–	–
93.0	90.0	0.0	330.5	631.7	–	–	–	0.0	–	–	–	–	–
97.0	29.0	0.0	15.7	8.4	–	–	–	–	–	–	–	–	–
97.0	30.0	0.0	0.0	38.2	–	–	–	–	–	–	–	–	–
97.0	32.0	0.0	9.0	11.5	–	–	–	0.0	–	–	–	–	–
97.0	35.0	0.0	204.4	190.1	–	–	–	0.0	–	–	–	–	–
97.0	40.0	0.0	196.0	46.6	–	–	–	0.0	–	–	–	–	–
97.0	45.0	0.0	7.7	9.5	–	–	–	0.0	–	–	–	–	–
97.0	50.0	0.0	11.9	40.4	–	–	–	0.0	–	–	–	–	–
97.0	55.0	50.0	984.9	17.2	–	–	–	0.0	–	–	–	–	–
97.0	60.0	0.0	2.8	11.2	–	–	–	0.0	–	–	–	–	–
97.0	70.0	0.0	536.6	42.4	–	–	–	0.0	–	–	–	–	–
97.0	80.0	0.0	1545.8	19.3	–	–	–	0.0	–	–	–	–	–
97.0	90.0	0.0	29.8	215.1	–	–	–	0.0	–	–	–	–	–
100.0	29.0	5.6	0.0	22.3	–	19.5	–	0.0	–	–	0.0	–	–
100.0	30.0	0.0	9.5	17.0	–	6.6	–	0.0	–	–	0.0	–	–
100.0	35.0	0.0	0.0	20.5	–	15.7	–	0.0	–	–	0.0	–	–
100.0	40.0	3.8	6.9	0.0	–	19.7	–	0.0	–	–	0.0	–	–
100.0	50.0	0.0	0.0	0.0	–	3.7	–	0.0	–	–	0.0	–	–
100.0	60.0	107.8	0.0	21.9	–	3.0	–	0.0	–	–	0.0	–	–
100.0	70.0	0.0	0.0	268.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	80.0	0.0	0.0	24.2	–	0.0	–	0.0	–	–	0.0	–	–
100.0	90.0	0.0	0.0	35.2	–	0.0	–	0.0	–	–	0.0	–	–

TABLE 4. (cont.)

Merluccius productus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	29.0	0.0	0.0	2.8	-	-	-	-	-	-	-	-	-
103.0	30.0	15.5	2.0	32.3	-	-	-	-	-	-	-	-	-
103.0	35.0	10.3	38.0	7.4	-	-	-	-	-	-	-	-	-
103.0	40.0	0.0	11.9	6.8	-	-	-	-	-	-	-	-	-
103.0	45.0	3.1	32.2	12.5	-	-	-	0.0	-	-	-	-	-
103.0	50.0	22.5	6.1	0.0	-	-	-	0.0	-	-	-	-	-
103.0	60.0	0.0	0.0	5.9	-	-	-	0.0	-	-	-	-	-
103.0	70.0	0.0	0.0	35.3	-	-	-	0.0	-	-	-	-	-
103.0	80.0	0.0	0.0	19.3	-	-	-	0.0	-	-	-	-	-
107.0	31.0	0.0	7.2	2.8	-	-	-	0.0	-	-	-	-	-
107.0	32.0	0.0	16.0	6.9	-	-	-	0.0	-	-	-	-	-
107.0	35.0	0.0	780.8	14.3	-	-	-	0.0	-	-	-	-	-
107.0	40.0	0.0	330.0	42.1	-	-	-	0.0	-	-	-	-	-
107.0	50.0	0.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
110.0	32.0	0.0	0.0	7.0	-	0.0	-	0.0	-	-	0.0	-	-
110.0	35.0	-	3.3	0.0	-	9.0	-	0.0	-	-	0.0	-	-
110.0	36.0	3.3	-	-	-	-	-	-	-	-	-	-	-
110.0	40.0	0.0	13.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
110.0	45.0	0.0	6.5	0.0	-	6.7	-	0.0	-	-	0.0	-	-
113.0	30.0	0.0	2.8	0.0	-	-	-	0.0	-	-	-	-	-
113.0	35.0	0.0	0.0	56.4	-	-	-	0.0	-	-	-	-	-
113.0	40.0	6.2	0.0	25.4	-	-	-	0.0	-	-	-	-	-
113.0	45.0	0.0	0.0	26.3	-	-	-	0.0	-	-	-	-	-
113.0	50.0	0.0	0.0	22.8	-	-	-	0.0	-	-	-	-	-
117.0	30.0	0.0	0.0	21.4	-	-	-	0.0	-	-	-	-	-
117.0	35.0	5.8	0.0	12.5	-	-	-	0.0	-	-	-	-	-
117.0	40.0	0.0	3.4	8.3	-	-	-	0.0	-	-	-	-	-
118.0	39.0	-	0.0	9.1	-	-	-	0.0	-	-	-	-	-
119.0	33.0	0.0	0.0	0.0	-	-	-	11.8	-	-	-	-	-
120.0	30.0	0.0	0.0	2.9	-	0.0	-	9.2	-	-	0.0	-	-
120.0	45.0	0.0	0.0	0.0	-	39.0	-	0.0	-	-	0.0	-	-
123.0	37.0	0.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
127.0	45.0	6.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
127.0	60.0	0.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
130.0	28.0	18.2	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
130.0	30.0	0.0	0.0	5.9	-	0.0	-	0.0	-	-	0.0	-	-
130.0	35.0	15.3	98.9	120.6	-	6.2	-	0.0	-	-	0.0	-	-
130.0	40.0	6.2	183.0	3.2	-	0.0	-	0.0	-	-	0.0	-	-
130.0	50.0	0.0	26.4	3.1	-	0.0	-	0.0	-	-	0.0	-	-
133.0	25.0	2.5	0.0	3.0	-	-	-	-	-	-	-	-	-
133.0	30.0	3.2	30.9	290.9	-	-	-	0.0	-	-	-	-	-
133.0	35.0	67.0	0.0	44.7	-	-	-	0.0	-	-	-	-	-
133.0	40.0	94.9	0.0	0.0	-	-	-	0.0	-	-	-	-	-
133.0	50.0	0.0	9.8	0.0	-	-	-	0.0	-	-	-	-	-
137.0	22.0	0.0	5.2	2.5	-	-	-	0.0	-	-	-	-	-
137.0	23.0	0.0	2.5	2.7	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Merluccius productus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	35.0	0.0	18.6	0.0	–	–	–	0.0	–	–	–	–	–
140.0	30.0	–	221.5	–	–	–	0.0	–	–	–	–	0.0	–
140.0	35.0	–	6.4	–	–	–	0.0	–	–	–	–	0.0	–
140.0	40.0	–	6.8	–	–	–	0.0	–	–	–	–	0.0	–
143.0	30.0	–	6.6	–	–	–	–	–	–	–	–	–	–

Moridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	19.0	–	6.8	–	–	–	0.0	–	–	–	–	0.0	–
150.0	45.0	–	6.7	–	–	–	0.0	–	–	–	–	0.0	–
150.0	55.0	–	3.5	–	–	–	0.0	–	–	–	–	0.0	–
150.0	60.0	–	9.7	–	–	–	0.0	–	–	–	–	0.0	–
153.0	16.0	–	3.7	–	–	–	–	–	–	–	–	–	–
153.0	30.0	–	3.5	–	–	–	–	–	–	–	–	–	–
153.0	45.0	–	9.5	–	–	–	–	–	–	–	–	–	–
157.0	10.0	–	0.0	–	–	–	5.8	–	–	–	–	0.0	–
157.0	30.0	–	0.0	–	–	–	5.9	–	–	–	–	0.0	–
157.0	40.0	–	3.1	–	–	–	0.0	–	–	–	–	0.0	–
157.0	50.0	–	0.0	–	–	–	9.6	–	–	–	–	0.0	–
157.0	55.0	–	3.0	–	–	–	0.0	–	–	–	–	3.0	–
157.0	60.0	–	12.2	–	–	–	0.0	–	–	–	–	0.0	–

Physiculus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	43.0	0.0	3.3	–	–	–	–	0.0	–	–	–	–	–

Macrouridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
43.0	65.0	–	11.7	–	–	–	–	0.0	–	–	–	–	–
50.0	50.0	–	15.5	–	–	0.0	–	0.0	–	–	–	0.0	–
50.0	60.0	–	0.0	–	–	0.0	–	0.0	–	–	–	3.2	–
70.0	60.0	3.2	0.0	1.6	0.0	–	–	0.0	–	–	–	0.0	–
70.0	65.0	–	0.0	1.5	0.0	–	–	0.0	–	–	–	0.0	–
70.0	70.0	0.0	3.9	3.2	0.0	–	–	0.0	–	–	–	0.0	–
73.0	60.0	3.5	0.0	0.0	–	–	–	0.0	–	–	–	–	–
73.0	70.0	0.0	0.0	1.6	–	–	–	–	–	–	–	–	–
73.0	80.0	0.0	0.0	6.6	–	–	–	–	–	–	–	–	–
77.0	70.0	0.0	0.0	1.8	–	–	–	0.0	–	–	–	–	–
80.0	52.0	0.0	0.0	0.0	3.1	–	–	0.0	–	–	0.0	–	–
80.0	70.0	0.0	3.2	0.0	0.0	–	–	0.0	–	–	–	0.0	–

TABLE 4. (cont.)

Macrouridae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	60.0	3.5	0.0	0.0	–	–	–	0.0	–	–	–	–	–
110.0	35.0	–	3.3	0.0	–	0.0	–	0.0	–	–	0.0	–	–
150.0	30.0	–	0.0	–	–	–	3.4	–	–	–	–	0.0	–
157.0	15.0	–	3.2	–	–	–	0.0	–	–	–	–	0.0	–

Ophidiiformes

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	50.0	–	0.0	0.0	–	–	–	21.4	–	–	–	–	–
73.0	53.0	0.0	0.0	0.0	–	–	–	36.0	–	–	–	–	–
120.0	25.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	15.8	–	–
120.0	30.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	5.0	–	–
120.0	35.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	5.4	–	–
120.0	40.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	14.6	–	–
137.0	35.0	0.0	6.2	0.0	–	–	–	0.0	–	–	–	–	–
157.0	10.0	–	12.8	–	–	–	0.0	–	–	–	–	0.0	–
157.0	15.0	–	3.2	–	–	–	0.0	–	–	–	–	0.0	–

Brosmophycis marginata

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	–	0.0	0.0	0.0	–	–	16.5	–	–	–	0.0	–
63.0	52.0	–	0.0	0.0	–	–	–	23.5	–	–	–	–	–
70.0	53.0	0.0	0.0	0.0	0.0	–	–	13.0	–	–	–	0.0	–
80.0	52.0	0.0	0.0	0.0	3.1	–	–	0.0	–	–	0.0	–	–
100.0	35.0	0.0	0.0	0.0	–	3.1	–	0.0	–	–	0.0	–	–
103.0	30.0	0.0	0.0	2.2	–	–	–	–	–	–	–	–	–
117.0	30.0	0.0	0.0	3.1	–	–	–	0.0	–	–	–	–	–

Carapidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	25.0	–	0.0	–	–	–	0.0	–	–	–	–	6.2	–
157.0	10.0	–	6.4	–	–	–	0.0	–	–	–	–	0.0	–

Chilara taylori

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	51.0	6.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–
117.0	40.0	0.0	0.0	0.0	–	–	–	12.2	–	–	–	–	–
120.0	35.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	2.7	–	–

TABLE 4. (cont.)

Ophidion scrippsae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	51.0	3.1	0.0	0.0	–	–	–	0.0	–	–	–	–	–
77.0	55.0	3.4	0.0	0.0	–	–	–	0.0	–	–	–	–	–
87.0	50.0	2.7	0.0	0.0	–	–	–	–	–	–	–	–	–
120.0	24.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	2.4	–	–
120.0	25.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	21.1	–	–
120.0	30.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	7.5	–	–
120.0	40.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	4.9	–	–

Antennariidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
157.0	15.0	–	0.0	–	–	–	0.0	–	–	–	–	3.0	–

Ceratioidei

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	53.0	0.0	0.0	1.6	0.0	–	–	0.0	–	–	–	0.0	–
90.0	100.0	–	–	–	0.0	–	–	–	–	2.9	–	–	–
90.0	140.0	–	–	–	0.0	–	–	–	–	3.2	–	–	–
120.0	80.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–
150.0	25.0	–	0.0	–	–	–	6.9	–	–	–	–	0.0	–
150.0	45.0	–	0.0	–	–	–	0.0	–	–	–	–	3.1	–

Lophiidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
157.0	10.0	–	0.0	–	–	–	0.0	–	–	–	–	3.0	–

Gobiesocidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	32.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	7.6	–	–
110.0	35.0	–	0.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–

Oxyporhamphus micropterus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
157.0	10.0	–	0.0	–	–	–	5.8	–	–	–	–	0.0	–

TABLE 4. (cont.)

Cololabis saira

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0 120.0	–	–	–	–	3.2	–	–	–	–	–	0.0	–
60.0 90.0	–	–	0.0	0.0	–	–	3.0	–	–	–	0.0	–
63.0 60.0	0.0	0.0	1.5	–	–	–	0.0	–	–	–	–	–
63.0 70.0	–	0.0	5.9	–	–	–	0.0	–	–	–	–	–
67.0 80.0	–	–	7.0	–	–	–	0.0	–	–	–	–	–
70.0 65.0	–	0.0	3.0	0.0	–	–	0.0	–	–	–	0.0	–
73.0 80.0	7.8	0.0	0.0	–	–	–	–	–	–	–	–	–
73.0 90.0	3.7	0.0	0.0	–	–	–	–	–	–	–	–	–
77.0 65.0	0.0	0.0	1.6	–	–	–	0.0	–	–	–	–	–
80.0 60.0	0.0	0.0	0.0	0.0	–	–	13.2	–	–	–	0.0	–
83.0 70.0	0.0	0.0	0.0	–	–	–	2.6	–	–	–	–	–
90.0 37.0	3.5	0.0	0.0	0.0	–	–	0.0	–	0.0	–	–	–
93.0 90.0	0.0	3.2	0.0	–	–	–	0.0	–	–	–	–	–
97.0 45.0	0.0	0.0	0.0	–	–	–	10.7	–	–	–	–	–
97.0 80.0	0.0	0.0	2.8	–	–	–	0.0	–	–	–	–	–
100.0 70.0	0.0	3.0	0.0	–	3.0	–	0.0	–	–	0.0	–	–
100.0 80.0	0.0	3.4	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0 100.0	–	–	–	–	0.0	–	–	–	–	2.9	–	–
100.0 120.0	–	–	–	–	9.2	–	–	–	–	0.0	–	–
103.0 30.0	0.0	2.0	0.0	–	–	–	–	–	–	–	–	–
103.0 45.0	3.1	0.0	0.0	–	–	–	0.0	–	–	–	–	–
103.0 50.0	0.0	3.0	0.0	–	–	–	0.0	–	–	–	–	–
103.0 80.0	0.0	3.0	0.0	–	–	–	0.0	–	–	–	–	–
107.0 31.0	0.0	0.0	0.0	–	–	–	9.0	–	–	–	–	–
107.0 40.0	3.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–
110.0 50.0	0.0	0.0	0.0	–	3.2	–	0.0	–	–	0.0	–	–
110.0 55.0	0.0	3.3	0.0	–	0.0	–	0.0	–	–	0.0	–	–
113.0 70.0	0.0	0.0	0.0	–	–	–	3.0	–	–	–	–	–
120.0 70.0	3.1	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
140.0 80.0	–	–	–	–	–	6.1	–	–	–	–	0.0	–

Atherinidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0 48.0	–	0.0	3.0	–	–	–	0.0	–	–	–	–	–
97.0 29.0	2.8	0.0	0.0	–	–	–	–	–	–	–	–	–
97.0 30.0	13.4	0.0	0.0	–	–	–	–	–	–	–	–	–

Trachipteridae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0 80.0	–	–	–	–	3.5	–	–	–	–	0.0	–	–
40.0 120.0	–	–	–	–	–	–	–	–	–	–	6.8	–
47.0 80.0	–	15.0	–	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Trachipteridae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	65.0	–	4.7	0.0	0.0	–	–	0.0	–	–	–	0.0	–
60.0	70.0	–	0.0	0.0	0.0	–	–	12.7	–	–	–	0.0	–
63.0	60.0	0.0	3.3	0.0	–	–	–	0.0	–	–	–	–	–
67.0	55.0	0.0	2.9	0.0	–	–	–	0.0	–	–	–	–	–
67.0	65.0	–	0.0	7.0	–	–	–	13.6	–	–	–	–	–
70.0	53.0	3.4	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–
70.0	60.0	0.0	3.7	1.6	0.0	–	–	0.0	–	–	–	0.0	–
70.0	70.0	0.0	3.9	3.2	0.0	–	–	0.0	–	–	–	0.0	–
70.0	90.0	3.2	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–
77.0	60.0	0.0	3.3	6.4	–	–	–	0.0	–	–	–	–	–
77.0	65.0	0.0	0.0	3.2	–	–	–	0.0	–	–	–	–	–
80.0	70.0	0.0	0.0	3.1	0.0	–	–	0.0	–	–	–	3.0	–
80.0	90.0	0.0	4.1	3.1	3.3	–	–	0.0	–	–	–	0.0	–
83.0	60.0	3.5	0.0	0.0	–	–	–	0.0	–	–	–	–	–
83.0	70.0	0.0	3.4	6.3	–	–	–	0.0	–	–	–	–	–
83.0	80.0	0.0	3.6	3.0	–	–	–	0.0	–	–	–	–	–
83.0	90.0	0.0	3.2	3.0	–	–	–	0.0	–	–	–	–	–
87.0	50.0	2.7	0.0	0.0	–	–	–	–	–	–	–	–	–
87.0	60.0	0.0	5.4	0.0	–	–	–	0.0	–	–	–	–	–
87.0	70.0	–	0.0	0.0	–	–	–	3.0	–	–	–	–	–
90.0	53.0	2.5	0.0	0.0	0.0	–	–	0.0	–	3.1	–	–	–
90.0	70.0	0.0	3.4	0.0	0.0	–	–	0.0	–	0.0	–	–	–
90.0	90.0	2.5	6.6	0.0	0.0	–	–	0.0	–	0.0	–	–	–
93.0	45.0	0.0	3.1	0.0	–	–	–	0.0	–	–	–	–	–
93.0	60.0	2.6	0.0	0.0	–	–	–	0.0	–	–	–	–	–
93.0	70.0	3.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–
93.0	80.0	0.0	10.1	0.0	–	–	–	0.0	–	–	–	–	–
97.0	35.0	0.0	0.0	3.9	–	–	–	0.0	–	–	–	–	–
97.0	50.0	0.0	3.0	0.0	–	–	–	0.0	–	–	–	–	–
97.0	55.0	0.0	2.9	3.4	–	–	–	0.0	–	–	–	–	–
97.0	90.0	0.0	5.4	0.0	–	–	–	0.0	–	–	–	–	–
100.0	40.0	3.8	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	60.0	3.4	3.3	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	90.0	0.0	3.2	0.0	–	0.0	–	0.0	–	–	0.0	–	–
103.0	45.0	3.1	0.0	0.0	–	–	–	0.0	–	–	–	–	–
107.0	35.0	0.0	0.0	3.6	–	–	–	0.0	–	–	–	–	–
107.0	50.0	0.0	3.0	0.0	–	–	–	0.0	–	–	–	–	–
110.0	80.0	0.0	0.0	0.0	–	0.0	–	2.8	–	–	0.0	–	–
113.0	70.0	0.0	0.0	2.9	–	–	–	0.0	–	–	–	–	–

Eutaeniophoridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	180.0	–	–	–	–	–	–	–	–	–	–	2.9	–
73.0	70.0	0.0	0.0	1.6	–	–	–	–	–	–	–	–	–

TABLE 4. (cont.)

Melamphaes spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	60.0	-	8.9	-	-	0.0	-	-	-	-	0.0	-	-
40.0	65.0	-	9.0	-	-	3.7	-	-	-	-	0.0	-	-
40.0	80.0	-	-	-	-	3.5	-	-	-	-	0.0	-	-
40.0	90.0	-	-	-	-	8.1	-	-	-	-	0.0	-	-
43.0	50.0	-	12.7	-	-	-	-	0.0	-	-	-	-	-
43.0	60.0	-	12.2	-	-	-	-	0.0	-	-	-	-	-
43.0	65.0	-	23.4	-	-	-	-	0.0	-	-	-	-	-
47.0	55.0	-	13.5	-	-	-	-	0.0	-	-	-	-	-
47.0	65.0	-	11.0	-	-	-	-	0.0	-	-	-	-	-
47.0	70.0	-	14.1	-	-	-	-	0.0	-	-	-	-	-
47.0	80.0	-	15.0	-	-	-	-	0.0	-	-	-	-	-
50.0	55.0	-	13.5	-	-	0.0	-	0.0	-	-	-	0.0	-
50.0	60.0	-	0.0	-	-	2.9	-	0.0	-	-	-	0.0	-
50.0	70.0	-	12.2	-	-	0.0	-	0.0	-	-	-	0.0	-
50.0	80.0	-	0.0	-	-	0.0	-	3.1	-	-	-	0.0	-
50.0	120.0	-	-	-	-	6.4	-	-	-	-	-	0.0	-
53.0	55.0	-	-	0.0	-	-	-	13.6	-	-	-	-	-
53.0	80.0	-	-	11.6	-	-	-	0.0	-	-	-	-	-
57.0	80.0	-	-	12.7	-	-	-	0.0	-	-	-	-	-
57.0	90.0	-	-	-	-	-	-	2.9	-	-	-	-	-
60.0	70.0	-	6.7	8.2	0.0	-	-	0.0	-	-	-	0.0	-
60.0	80.0	-	-	1.6	5.1	-	-	0.0	-	-	-	0.0	-
60.0	120.0	-	-	-	3.8	-	-	-	-	-	0.0	-	-
63.0	80.0	-	-	1.6	-	-	-	0.0	-	-	-	-	-
63.0	90.0	-	-	0.0	-	-	-	3.4	-	-	-	-	-
67.0	55.0	0.0	2.9	0.0	-	-	-	0.0	-	-	-	-	-
67.0	60.0	0.0	2.9	9.0	-	-	-	0.0	-	-	-	-	-
67.0	65.0	-	0.0	7.0	-	-	-	0.0	-	-	-	-	-
67.0	80.0	-	-	15.1	-	-	-	0.0	-	-	-	-	-
67.0	90.0	-	-	4.7	-	-	-	3.1	-	-	-	-	-
70.0	60.0	3.2	3.7	3.2	0.0	-	-	0.0	-	-	-	0.0	-
70.0	65.0	-	6.8	3.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	70.0	3.7	0.0	4.8	0.0	-	-	0.0	-	-	-	0.0	-
70.0	80.0	0.0	0.0	0.0	0.0	-	-	0.0	-	-	-	2.8	-
70.0	90.0	6.4	12.4	7.6	0.0	-	-	2.7	-	-	-	0.0	-
73.0	60.0	21.1	0.0	0.0	-	-	-	0.0	-	-	-	-	-
73.0	80.0	11.6	0.0	1.6	-	-	-	-	-	-	-	-	-
73.0	90.0	0.0	6.5	8.4	-	-	-	-	-	-	-	-	-
77.0	60.0	0.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
77.0	65.0	0.0	3.2	1.6	-	-	-	0.0	-	-	-	-	-
77.0	70.0	0.0	9.1	1.8	-	-	-	0.0	-	-	-	-	-
77.0	80.0	0.0	0.0	1.7	-	-	-	-	-	-	-	-	-
77.0	90.0	0.0	-	16.1	-	-	-	-	-	-	-	-	-
80.0	52.0	0.0	3.5	0.0	0.0	-	-	0.0	-	-	0.0	-	-
80.0	60.0	0.0	0.0	0.0	0.0	-	-	13.2	-	-	-	0.0	-
80.0	70.0	0.0	3.2	3.1	3.6	-	-	0.0	-	-	-	3.0	-

TABLE 4. (cont.)

Melamphaes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	80.0	0.0	0.0	0.0	4.2	–	–	3.2	–	–	–	0.0	–
80.0	90.0	0.0	8.2	0.0	0.0	–	–	0.0	–	–	–	0.0	–
83.0	55.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
83.0	60.0	3.5	0.0	5.8	–	–	–	0.0	–	–	–	–	–
83.0	70.0	0.0	0.0	6.3	–	–	–	0.0	–	–	–	–	–
83.0	75.0	–	–	–	–	–	–	2.9	–	–	–	–	–
83.0	80.0	0.0	0.0	5.9	–	–	–	0.0	–	–	–	–	–
83.0	90.0	6.8	0.0	3.0	–	–	–	8.6	–	–	–	–	–
87.0	50.0	0.0	0.0	3.2	–	–	–	–	–	–	–	–	–
87.0	55.0	0.0	3.2	0.0	–	–	–	0.0	–	–	–	–	–
87.0	70.0	–	0.0	3.2	–	–	–	5.9	–	–	–	–	–
87.0	80.0	0.0	0.0	6.1	–	–	–	11.0	–	–	–	–	–
87.0	90.0	–	0.0	6.2	–	–	–	2.9	–	–	–	–	–
90.0	70.0	0.0	0.0	0.0	9.1	–	–	3.5	–	0.0	–	–	–
90.0	80.0	0.0	0.0	0.0	3.0	–	–	5.8	–	0.0	–	–	–
90.0	90.0	0.0	0.0	9.5	0.0	–	–	6.5	–	3.2	–	–	–
90.0	100.0	–	–	–	3.1	–	–	–	–	0.0	–	–	–
90.0	120.0	–	–	–	22.7	–	–	–	–	3.2	–	–	–
90.0	140.0	–	–	–	6.4	–	–	–	–	0.0	–	–	–
93.0	60.0	0.0	3.1	0.0	–	–	–	2.8	–	–	–	–	–
93.0	70.0	0.0	0.0	5.9	–	–	–	0.0	–	–	–	–	–
93.0	80.0	0.0	0.0	15.1	–	–	–	8.6	–	–	–	–	–
93.0	90.0	0.0	0.0	23.5	–	–	–	0.0	–	–	–	–	–
93.0	100.0	–	0.0	–	–	–	–	5.7	–	–	–	–	–
93.0	120.0	–	2.7	–	–	–	–	0.0	–	–	–	–	–
97.0	35.0	0.0	2.9	0.0	–	–	–	0.0	–	–	–	–	–
97.0	50.0	0.0	0.0	0.0	–	–	–	11.8	–	–	–	–	–
97.0	70.0	0.0	0.0	3.3	–	–	–	0.0	–	–	–	–	–
97.0	80.0	0.0	0.0	5.5	–	–	–	2.6	–	–	–	–	–
97.0	90.0	0.0	2.7	6.6	–	–	–	8.1	–	–	–	–	–
100.0	35.0	0.0	0.0	0.0	–	0.0	–	10.8	–	–	0.0	–	–
100.0	50.0	0.0	0.0	3.0	–	0.0	–	25.8	–	–	0.0	–	–
100.0	60.0	0.0	3.3	6.3	–	6.1	–	0.0	–	–	0.0	–	–
100.0	70.0	0.0	0.0	3.2	–	9.1	–	0.0	–	–	0.0	–	–
100.0	80.0	3.0	0.0	0.0	–	3.3	–	6.0	–	–	0.0	–	–
100.0	90.0	0.0	0.0	2.9	–	0.0	–	2.8	–	–	6.1	–	–
100.0	100.0	–	–	–	–	9.1	–	–	–	–	0.0	–	–
100.0	140.0	–	–	–	–	3.0	–	–	–	–	0.0	–	–
103.0	45.0	6.3	0.0	0.0	–	–	–	0.0	–	–	–	–	–
103.0	60.0	0.0	0.0	8.9	–	–	–	0.0	–	–	–	–	–
103.0	70.0	5.8	2.7	6.4	–	–	–	0.0	–	–	–	–	–
103.0	80.0	0.0	0.0	3.2	–	–	–	5.8	–	–	–	–	–
107.0	35.0	3.4	0.0	0.0	–	–	–	0.0	–	–	–	–	–
107.0	40.0	0.0	2.6	0.0	–	–	–	0.0	–	–	–	–	–
107.0	60.0	0.0	2.7	3.2	–	–	–	0.0	–	–	–	–	–
107.0	70.0	0.0	0.0	3.3	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Melamphaes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	80.0	0.0	8.9	0.0	–	–	–	2.9	–	–	–	–	–
110.0	40.0	0.0	0.0	0.0	–	10.2	–	0.0	–	–	0.0	–	–
110.0	45.0	0.0	0.0	0.0	–	3.4	–	0.0	–	–	0.0	–	–
110.0	50.0	0.0	0.0	6.2	–	0.0	–	0.0	–	–	0.0	–	–
110.0	60.0	0.0	0.0	0.0	–	3.3	–	2.8	–	–	0.0	–	–
110.0	70.0	0.0	0.0	3.1	–	0.0	–	5.7	–	–	0.0	–	–
110.0	80.0	0.0	0.0	6.5	–	0.0	–	2.8	–	–	0.0	–	–
113.0	45.0	0.0	5.8	0.0	–	–	–	0.0	–	–	–	–	–
113.0	60.0	0.0	0.0	0.0	–	–	–	2.5	–	–	–	–	–
113.0	80.0	0.0	0.0	3.2	–	–	–	5.4	–	–	–	–	–
117.0	70.0	0.0	0.0	0.0	–	–	–	2.8	–	–	–	–	–
117.0	80.0	0.0	0.0	0.0	–	–	–	6.1	–	–	–	–	–
120.0	60.0	3.1	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
120.0	70.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–
120.0	80.0	0.0	0.0	0.0	–	2.8	–	2.9	–	–	0.0	–	–
123.0	60.0	0.0	0.0	0.0	–	–	–	2.8	–	–	–	–	–
127.0	50.0	3.2	0.0	0.0	–	–	–	2.9	–	–	–	–	–
127.0	60.0	0.0	3.3	0.0	–	–	–	0.0	–	–	–	–	–
130.0	35.0	0.0	0.0	0.0	–	3.1	–	0.0	–	–	0.0	–	–
130.0	90.0	–	–	–	–	2.9	–	–	–	–	0.0	–	–
133.0	40.0	3.4	3.2	0.0	–	–	–	0.0	–	–	–	–	–
133.0	60.0	0.0	3.1	0.0	–	–	–	0.0	–	–	–	–	–
137.0	35.0	0.0	3.1	0.0	–	–	–	0.0	–	–	–	–	–
137.0	40.0	0.0	3.3	0.0	–	–	–	0.0	–	–	–	–	–
137.0	60.0	0.0	3.3	0.0	–	–	–	–	–	–	–	–	–
140.0	45.0	–	3.4	–	–	–	0.0	–	–	–	–	0.0	–
140.0	50.0	–	0.0	–	–	–	3.2	–	–	–	–	0.0	–
140.0	55.0	–	3.5	–	–	–	0.0	–	–	–	–	2.9	–
140.0	60.0	–	3.5	–	–	–	3.1	–	–	–	–	0.0	–
140.0	80.0	–	–	–	–	–	0.0	–	–	–	–	2.9	–
140.0	90.0	–	–	–	–	0.0	–	–	–	–	–	3.0	–
140.0	100.0	–	–	–	–	0.0	–	–	–	–	–	3.0	–
140.0	120.0	–	–	–	–	3.0	–	–	–	–	–	5.7	–
143.0	45.0	–	3.0	–	–	–	–	–	–	–	–	–	–
147.0	40.0	–	3.4	–	–	–	–	–	–	–	–	–	–
147.0	45.0	–	3.3	–	–	–	–	–	–	–	–	–	–
150.0	35.0	–	3.4	–	–	–	0.0	–	–	–	–	0.0	–
150.0	45.0	–	6.7	–	–	–	3.2	–	–	–	–	0.0	–
150.0	50.0	–	3.2	–	–	–	0.0	–	–	–	–	0.0	–
150.0	55.0	–	3.5	–	–	–	0.0	–	–	–	–	8.6	–
150.0	60.0	–	6.5	–	–	–	0.0	–	–	–	–	0.0	–
150.0	70.0	–	–	–	–	–	3.2	–	–	–	–	0.0	–
150.0	80.0	–	–	–	–	–	2.9	–	–	–	–	0.0	–
150.0	90.0	–	–	–	–	–	3.0	–	–	–	–	3.1	–
153.0	20.0	–	3.5	–	–	–	–	–	–	–	–	–	–
153.0	25.0	–	3.5	–	–	–	–	–	–	–	–	–	–

TABLE 4. (cont.)

Melamphaes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
153.0	40.0	–	3.3	–	–	–	–	–	–	–	–	–	–
153.0	50.0	–	3.0	–	–	–	–	–	–	–	–	–	–
153.0	60.0	–	3.0	–	–	–	–	–	–	–	–	–	–
157.0	10.0	–	0.0	–	–	–	2.9	–	–	–	–	3.0	–
157.0	15.0	–	3.2	–	–	–	9.1	–	–	–	–	9.1	–
157.0	20.0	–	6.4	–	–	–	0.0	–	–	–	–	0.0	–
157.0	25.0	–	3.2	–	–	–	0.0	–	–	–	–	0.0	–
157.0	40.0	–	6.2	–	–	–	0.0	–	–	–	–	0.0	–
157.0	45.0	–	0.0	–	–	–	3.3	–	–	–	–	0.0	–
157.0	50.0	–	9.1	–	–	–	0.0	–	–	–	–	0.0	–
157.0	60.0	–	3.1	–	–	–	0.0	–	–	–	–	0.0	–

Poromitra spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
43.0	70.0	–	13.3	–	–	–	–	0.0	–	–	–	–	–
50.0	65.0	–	0.0	–	–	0.0	–	0.0	–	–	–	3.2	–
80.0	52.0	0.0	0.0	3.3	0.0	–	–	0.0	–	–	0.0	–	–
87.0	55.0	0.0	0.0	3.4	–	–	–	0.0	–	–	–	–	–
90.0	100.0	–	–	–	6.3	–	–	–	–	0.0	–	–	–
90.0	120.0	–	–	–	6.5	–	–	–	–	0.0	–	–	–
100.0	90.0	0.0	0.0	0.0	–	3.2	–	0.0	–	–	0.0	–	–
103.0	60.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
103.0	80.0	0.0	0.0	0.0	–	–	–	5.8	–	–	–	–	–
130.0	50.0	0.0	3.3	0.0	–	0.0	–	0.0	–	–	0.0	–	–
137.0	35.0	3.5	0.0	0.0	–	–	–	0.0	–	–	–	–	–
137.0	50.0	3.3	0.0	0.0	–	–	–	0.0	–	–	–	–	–
140.0	55.0	–	0.0	–	–	–	3.2	–	–	–	–	0.0	–
143.0	50.0	–	3.3	–	–	–	–	–	–	–	–	–	–
157.0	55.0	–	3.0	–	–	–	0.0	–	–	–	–	0.0	–

Scopelogadus bispinosus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	70.0	0.0	3.4	0.0	–	–	–	0.0	–	–	–	–	–
83.0	80.0	0.0	0.0	0.0	–	–	–	3.0	–	–	–	–	–
83.0	90.0	0.0	3.2	0.0	–	–	–	0.0	–	–	–	–	–
87.0	70.0	–	0.0	0.0	–	–	–	3.0	–	–	–	–	–
87.0	90.0	–	0.0	0.0	–	–	–	2.9	–	–	–	–	–
90.0	100.0	–	–	–	0.0	–	–	–	–	5.8	–	–	–
100.0	80.0	0.0	0.0	0.0	–	0.0	–	3.0	–	–	0.0	–	–
100.0	90.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	12.2	–	–
100.0	100.0	–	–	–	–	0.0	–	–	–	–	2.9	–	–
110.0	60.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.1	–	–

TABLE 4. (cont.)

Scopelogadus bispinosus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	80.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–
147.0	45.0	–	3.3	–	–	–	–	–	–	–	–	–	–
150.0	50.0	–	3.2	–	–	–	0.0	–	–	–	–	0.0	–
150.0	60.0	–	3.2	–	–	–	0.0	–	–	–	–	0.0	–
157.0	10.0	–	0.0	–	–	–	0.0	–	–	–	–	9.0	–
157.0	20.0	–	0.0	–	–	–	0.0	–	–	–	–	9.3	–
157.0	25.0	–	0.0	–	–	–	0.0	–	–	–	–	3.0	–
157.0	35.0	–	0.0	–	–	–	0.0	–	–	–	–	6.5	–
157.0	45.0	–	0.0	–	–	–	0.0	–	–	–	–	2.9	–
157.0	50.0	–	0.0	–	–	–	0.0	–	–	–	–	6.2	–
157.0	60.0	–	0.0	–	–	–	3.0	–	–	–	–	0.0	–

Macroramphosus gracilis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	50.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.3	–	–

Syngnathus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	40.0	0.0	0.0	–	–	–	–	12.6	–	–	–	–	–
100.0	29.0	2.8	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–

Agonidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	–	0.0	0.0	0.0	–	–	0.0	–	–	–	3.2	–
60.0	55.0	–	0.0	11.1	0.0	–	–	0.0	–	–	–	0.0	–
60.0	60.0	–	0.0	1.8	0.0	–	–	0.0	–	–	–	0.0	–
60.0	65.0	–	0.0	2.0	0.0	–	–	0.0	–	–	–	0.0	–
73.0	50.0	–	0.0	1.4	–	–	–	0.0	–	–	–	–	–
80.0	51.0	0.0	0.0	0.0	7.1	–	–	0.0	–	–	0.0	–	–
83.0	51.0	0.0	13.7	0.0	–	–	–	0.0	–	–	–	–	–
87.0	50.0	0.0	0.0	3.2	–	–	–	–	–	–	–	–	–
103.0	30.0	0.0	0.0	2.2	–	–	–	–	–	–	–	–	–
107.0	31.0	0.0	1.8	0.0	–	–	–	0.0	–	–	–	–	–
110.0	32.0	2.6	2.3	0.0	–	0.0	–	31.0	–	–	0.0	–	–
113.0	30.0	0.0	0.0	2.8	–	–	–	0.0	–	–	–	–	–
120.0	40.0	0.0	0.0	0.0	–	5.2	–	0.0	–	–	0.0	–	–
127.0	33.0	0.0	2.6	0.0	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Anoplopoma fimbria

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	65.0	0.0	0.0	1.5	–	–	–	–	–	–	–	–	–

Cottidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	–	0.0	–	–	12.3	–	–	–	–	0.0	–	–
47.0	50.0	–	10.8	–	–	–	–	0.0	–	–	–	–	–
53.0	80.0	–	–	46.2	–	–	–	0.0	–	–	–	–	–
60.0	50.0	–	0.0	0.0	19.9	–	–	0.0	–	–	–	0.0	–
60.0	52.0	–	0.0	6.6	2.6	–	–	0.0	–	–	–	3.2	–
63.0	50.0	–	4.6	7.7	–	–	–	0.0	–	–	–	–	–
67.0	50.0	0.0	3.3	0.0	–	–	–	0.0	–	–	–	–	–
67.0	55.0	2.6	0.0	0.0	–	–	–	0.0	–	–	–	–	–
80.0	51.0	0.0	0.0	2.6	0.0	–	–	0.0	–	–	0.0	–	–
83.0	51.0	0.0	73.0	5.9	–	–	–	0.0	–	–	–	–	–
87.0	45.0	0.0	0.0	0.0	–	–	–	27.2	–	–	–	–	–
87.0	50.0	10.8	0.0	9.5	–	–	–	–	–	–	–	–	–
93.0	27.0	0.0	13.7	0.0	–	–	–	0.0	–	–	–	–	–
97.0	29.0	5.6	0.0	0.0	–	–	–	–	–	–	–	–	–
100.0	29.0	0.0	0.0	6.4	–	0.0	–	0.0	–	–	0.0	–	–
103.0	29.0	5.7	0.0	0.0	–	–	–	–	–	–	–	–	–
107.0	31.0	2.6	0.0	0.0	–	–	–	0.0	–	–	–	–	–
110.0	32.0	0.0	0.0	4.7	–	0.0	–	72.2	–	–	0.0	–	–
120.0	40.0	2.4	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
123.0	36.0	0.0	2.8	2.9	–	–	–	0.0	–	–	–	–	–

Scorpaenichthys marmoratus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	65.0	–	0.0	2.0	0.0	–	–	0.0	–	–	–	0.0	–
63.0	50.0	–	13.7	0.0	–	–	–	0.0	–	–	–	–	–
63.0	52.0	–	3.7	3.7	–	–	–	0.0	–	–	–	–	–
67.0	55.0	0.0	2.9	0.0	–	–	–	0.0	–	–	–	–	–
67.0	65.0	–	3.1	0.0	–	–	–	0.0	–	–	–	–	–
73.0	60.0	0.0	0.0	1.7	–	–	–	0.0	–	–	–	–	–
73.0	65.0	0.0	0.0	1.5	–	–	–	–	–	–	–	–	–
73.0	70.0	0.0	0.0	1.6	–	–	–	–	–	–	–	–	–
80.0	52.0	0.0	3.5	0.0	0.0	–	–	0.0	–	–	0.0	–	–
80.0	55.0	0.0	6.7	0.0	0.0	–	–	0.0	–	–	–	0.0	–
87.0	50.0	0.0	2.6	0.0	–	–	–	–	–	–	–	–	–
113.0	45.0	3.3	0.0	0.0	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Cyclopteridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	–	10.0	–	–	3.1	–	–	–	–	0.0	–	–
40.0	40.0	–	20.4	–	–	0.0	–	–	–	–	0.0	–	–
40.0	80.0	–	–	–	–	0.0	–	–	–	–	3.0	–	–
50.0	60.0	–	0.0	–	–	0.0	–	0.0	–	–	–	3.2	–
53.0	55.0	–	–	13.3	–	–	–	0.0	–	–	–	–	–
63.0	60.0	0.0	0.0	1.5	–	–	–	0.0	–	–	–	–	–
80.0	55.0	0.0	0.0	3.0	0.0	–	–	0.0	–	–	–	0.0	–
87.0	50.0	2.7	0.0	3.2	–	–	–	–	–	–	–	–	–
93.0	27.0	0.0	9.1	0.0	–	–	–	0.0	–	–	–	–	–
103.0	30.0	0.0	0.0	4.3	–	–	–	–	–	–	–	–	–
110.0	32.0	0.0	0.0	2.3	–	0.0	–	0.0	–	–	0.0	–	–
110.0	35.0	–	0.0	0.0	–	3.0	–	0.0	–	–	0.0	–	–

Hexagrammidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
53.0	52.0	–	–	13.9	–	–	–	0.0	–	–	–	–	–
60.0	50.0	–	0.0	5.3	0.0	–	–	0.0	–	–	–	0.0	–
60.0	52.0	–	0.0	1.6	0.0	–	–	0.0	–	–	–	0.0	–
63.0	50.0	–	0.0	2.6	–	–	–	0.0	–	–	–	–	–
67.0	50.0	0.0	0.0	1.7	–	–	–	0.0	–	–	–	–	–
70.0	53.0	0.0	0.0	6.8	0.0	–	–	0.0	–	–	–	0.0	–
83.0	40.0	5.1	0.0	0.0	–	–	–	0.0	–	–	–	–	–
83.0	43.0	5.1	0.0	–	–	–	–	0.0	–	–	–	–	–
83.0	60.0	0.0	3.5	0.0	–	–	–	0.0	–	–	–	–	–
93.0	27.0	0.0	4.6	0.0	–	–	–	0.0	–	–	–	–	–
93.0	45.0	3.7	0.0	0.0	–	–	–	0.0	–	–	–	–	–
97.0	29.0	2.8	2.6	0.0	–	–	–	–	–	–	–	–	–
100.0	29.0	2.8	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
103.0	30.0	7.7	0.0	0.0	–	–	–	–	–	–	–	–	–
120.0	45.0	0.0	0.0	0.0	–	2.6	–	0.0	–	–	0.0	–	–

Oxylebius pictus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	70.0	–	0.0	7.0	–	–	–	0.0	–	–	–	–	–
110.0	32.0	0.0	0.0	2.3	–	0.0	–	0.0	–	–	0.0	–	–
123.0	36.0	0.0	2.8	0.0	–	–	–	0.0	–	–	–	–	–

Zaniolepis spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	51.0	3.1	0.0	–	0.0	–	–	0.0	–	–	–	0.0	–

TABLE 4. (cont.)

Zaniolepis spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	55.0	0.0	3.4	0.0	0.0	–	–	0.0	–	–	–	0.0	–
80.0	60.0	0.0	0.0	3.2	0.0	–	–	0.0	–	–	–	0.0	–
83.0	51.0	0.0	0.0	5.9	–	–	–	0.0	–	–	–	–	–
97.0	32.0	0.0	0.0	2.9	–	–	–	0.0	–	–	–	–	–
123.0	37.0	0.0	0.0	3.1	–	–	–	0.0	–	–	–	–	–

Scorpaenidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	70.0	0.0	0.0	0.0	–	3.0	–	0.0	–	–	0.0	–	–
150.0	25.0	–	0.0	–	–	–	13.9	–	–	–	–	0.0	–

Scorpaena spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	27.0	0.0	0.0	0.0	–	–	–	9.8	–	–	–	–	–
117.0	45.0	0.0	0.0	0.0	–	–	–	11.3	–	–	–	–	–
117.0	60.0	0.0	0.0	0.0	–	–	–	23.4	–	–	–	–	–

Sebastes spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	–	89.6	–	–	43.0	–	–	–	–	0.0	–	–
40.0	40.0	–	81.6	–	–	3.5	–	–	–	–	3.3	–	–
40.0	45.0	–	54.4	–	–	0.0	–	–	–	–	0.0	–	–
40.0	50.0	–	116.8	–	–	0.0	–	–	–	–	0.0	–	–
40.0	55.0	–	176.3	–	–	3.3	–	–	–	–	2.4	–	–
40.0	60.0	–	44.4	–	–	3.6	–	–	–	–	0.0	–	–
40.0	65.0	–	117.0	–	–	0.0	–	–	–	–	3.6	–	–
43.0	42.0	–	957.5	–	–	–	–	0.0	–	–	–	–	–
43.0	45.0	–	89.9	–	–	–	–	26.4	–	–	–	–	–
43.0	50.0	–	12.7	–	–	–	–	12.4	–	–	–	–	–
43.0	55.0	–	416.6	–	–	–	–	0.0	–	–	–	–	–
43.0	60.0	–	97.9	–	–	–	–	0.0	–	–	–	–	–
43.0	65.0	–	81.8	–	–	–	–	0.0	–	–	–	–	–
43.0	70.0	–	159.4	–	–	–	–	3.3	–	–	–	–	–
47.0	50.0	–	516.5	–	–	–	–	56.5	–	–	–	–	–
47.0	55.0	–	161.8	–	–	–	–	53.3	–	–	–	–	–
47.0	60.0	–	0.0	–	–	–	–	12.1	–	–	–	–	–
47.0	65.0	–	22.1	–	–	–	–	0.0	–	–	–	–	–
47.0	70.0	–	352.0	–	–	–	–	23.8	–	–	–	–	–
47.0	80.0	–	586.6	–	–	–	–	0.0	–	–	–	–	–
50.0	47.0	–	226.4	–	–	3.0	–	12.3	–	–	–	61.5	–

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	50.0	-	61.9	-	-	0.0	-	57.9	-	-	-	26.6	-
50.0	55.0	-	27.0	-	-	10.6	-	22.6	-	-	-	5.4	-
50.0	60.0	-	130.8	-	-	11.7	-	0.0	-	-	-	6.4	-
50.0	65.0	-	110.2	-	-	0.0	-	14.2	-	-	-	0.0	-
50.0	70.0	-	0.0	-	-	0.0	-	12.1	-	-	-	0.0	-
50.0	90.0	-	0.0	-	-	0.0	-	3.1	-	-	-	0.0	-
53.0	52.0	-	-	222.1	-	-	-	11.2	-	-	-	-	-
53.0	55.0	-	-	106.2	-	-	-	81.4	-	-	-	-	-
53.0	60.0	-	-	59.4	-	-	-	0.0	-	-	-	-	-
53.0	65.0	-	-	15.2	-	-	-	67.0	-	-	-	-	-
53.0	70.0	-	-	29.2	-	-	-	14.2	-	-	-	-	-
53.0	80.0	-	-	11.6	-	-	-	0.0	-	-	-	-	-
57.0	51.0	-	-	314.6	-	-	-	-	-	-	-	-	-
57.0	55.0	-	-	24.2	-	-	-	14.3	-	-	-	-	-
57.0	60.0	-	-	47.0	-	-	-	72.4	-	-	-	-	-
57.0	65.0	-	-	0.0	-	-	-	13.4	-	-	-	-	-
57.0	70.0	-	-	294.4	-	-	-	0.0	-	-	-	-	-
57.0	90.0	-	-	-	-	-	-	2.9	-	-	-	-	-
60.0	50.0	-	6.4	26.4	6.6	-	-	0.0	-	-	-	0.0	-
60.0	52.0	-	13.9	6.6	2.6	-	-	65.9	-	-	-	0.0	-
60.0	55.0	-	380.2	707.6	0.0	-	-	64.2	-	-	-	9.8	-
60.0	60.0	-	192.1	199.7	0.0	-	-	12.5	-	-	-	0.0	-
60.0	65.0	-	302.3	1631.7	0.0	-	-	0.0	-	-	-	0.0	-
60.0	70.0	-	50.0	48.5	3.2	-	-	25.4	-	-	-	0.0	-
60.0	80.0	-	-	6.4	2.6	-	-	25.5	-	-	-	0.0	-
60.0	90.0	-	-	4.7	0.0	-	-	29.5	-	-	-	0.0	-
63.0	50.0	-	25.2	0.0	-	-	-	10.6	-	-	-	-	-
63.0	52.0	-	543.1	91.0	-	-	-	152.9	-	-	-	-	-
63.0	55.0	111.5	61.9	5.2	-	-	-	126.7	-	-	-	-	-
63.0	60.0	36.1	42.3	181.2	-	-	-	126.8	-	-	-	-	-
63.0	65.0	-	30.0	58.1	-	-	-	125.2	-	-	-	-	-
63.0	70.0	-	3.2	9.1	-	-	-	12.4	-	-	-	-	-
63.0	80.0	-	-	4.7	-	-	-	0.0	-	-	-	-	-
67.0	48.0	-	82.4	0.0	-	-	-	162.4	-	-	-	-	-
67.0	50.0	612.8	639.6	719.0	-	-	-	157.0	-	-	-	-	-
67.0	55.0	97.7	45.8	172.0	-	-	-	13.0	-	-	-	-	-
67.0	60.0	123.9	570.4	3.7	-	-	-	52.5	-	-	-	-	-
67.0	65.0	-	18.4	1.6	-	-	-	40.8	-	-	-	-	-
67.0	70.0	-	46.3	90.4	-	-	-	13.3	-	-	-	-	-
67.0	80.0	-	-	0.0	-	-	-	13.0	-	-	-	-	-
67.0	90.0	-	-	0.0	-	-	-	12.3	-	-	-	-	-
70.0	51.0	513.3	12.0	-	29.2	-	-	74.2	-	-	-	16.1	-
70.0	53.0	486.7	14.6	236.0	0.0	-	-	130.0	-	-	-	89.1	-
70.0	55.0	-	-	113.8	-	-	-	-	-	-	-	-	-
70.0	60.0	6.3	91.5	37.6	3.2	-	-	27.1	-	-	-	5.8	-
70.0	65.0	-	75.0	51.6	2.9	-	-	48.6	-	-	-	19.1	-

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	70.0	123.4	35.3	52.8	0.0	-	-	12.7	-	-	-	0.0	-
70.0	80.0	3.5	0.0	10.1	3.9	-	-	0.0	-	-	-	0.0	-
70.0	90.0	12.8	3.1	0.0	0.0	-	-	2.7	-	-	-	0.0	-
73.0	50.0	-	150.7	19.8	-	-	-	21.4	-	-	-	-	-
73.0	53.0	9.3	237.4	214.8	-	-	-	144.0	-	-	-	-	-
73.0	60.0	3.5	144.3	21.3	-	-	-	0.0	-	-	-	-	-
73.0	65.0	7.1	3.2	18.5	-	-	-	-	-	-	-	-	-
73.0	70.0	0.0	8.3	14.7	-	-	-	-	-	-	-	-	-
73.0	80.0	19.4	0.0	55.6	-	-	-	-	-	-	-	-	-
73.0	90.0	0.0	3.2	0.0	-	-	-	-	-	-	-	-	-
77.0	48.0	0.0	5.8	102.6	-	-	-	0.0	-	-	-	-	-
77.0	51.0	2821.0	144.1	90.4	-	-	-	42.2	-	-	-	-	-
77.0	55.0	139.0	62.3	98.8	-	-	-	11.6	-	-	-	-	-
77.0	60.0	92.1	0.0	150.7	-	-	-	0.0	-	-	-	-	-
77.0	65.0	0.0	3.2	49.4	-	-	-	51.7	-	-	-	-	-
77.0	70.0	0.0	36.3	141.9	-	-	-	0.0	-	-	-	-	-
77.0	80.0	27.7	0.0	24.8	-	-	-	-	-	-	-	-	-
80.0	51.0	297.7	50.2	221.9	21.2	-	-	0.0	-	-	4.3	-	-
80.0	52.0	214.0	169.5	208.5	74.2	-	-	86.5	-	-	11.6	-	-
80.0	55.0	2364.7	241.9	137.3	53.0	-	-	0.0	-	-	-	64.9	-
80.0	60.0	37.7	0.0	47.4	68.8	-	-	0.0	-	-	-	9.4	-
80.0	70.0	799.2	15.8	40.0	0.0	-	-	23.0	-	-	-	3.0	-
80.0	80.0	26.3	10.1	0.0	4.2	-	-	0.0	-	-	-	0.0	-
80.0	90.0	3.5	4.1	6.1	3.3	-	-	0.0	-	-	-	0.0	-
82.0	47.0	72.6	114.2	120.1	-	-	-	70.3	-	-	-	-	-
83.0	40.0	951.8	8.5	0.0	-	-	-	0.0	-	-	-	-	-
83.0	43.0	951.8	501.8	-	-	-	-	35.2	-	-	-	-	-
83.0	51.0	180.4	328.3	424.8	-	-	-	2.5	-	-	-	-	-
83.0	55.0	339.9	352.1	550.6	-	-	-	12.0	-	-	-	-	-
83.0	60.0	0.0	791.2	0.0	-	-	-	0.0	-	-	-	-	-
83.0	70.0	18.1	0.0	21.9	-	-	-	0.0	-	-	-	-	-
83.0	80.0	62.7	25.5	17.8	-	-	-	0.0	-	-	-	-	-
83.0	90.0	0.0	3.2	3.0	-	-	-	0.0	-	-	-	-	-
87.0	33.0	14.2	29.8	36.5	-	-	-	0.0	-	-	-	-	-
87.0	35.0	-	13.4	102.3	-	-	-	0.0	-	-	-	-	-
87.0	40.0	38.9	104.6	-	-	-	-	0.0	-	-	-	-	-
87.0	45.0	30.5	2.8	154.6	-	-	-	0.0	-	-	-	-	-
87.0	50.0	1414.8	83.2	1138.4	-	-	-	-	-	-	-	-	-
87.0	55.0	74.2	455.8	128.8	-	-	-	0.0	-	-	-	-	-
87.0	60.0	11.5	48.2	0.0	-	-	-	0.0	-	-	-	-	-
87.0	70.0	-	2.9	0.0	-	-	-	5.9	-	-	-	-	-
87.0	90.0	-	3.1	0.0	-	-	-	0.0	-	-	-	-	-
90.0	28.0	0.0	74.8	45.8	5.8	-	-	0.0	-	0.0	-	-	-
90.0	32.0	6.9	32.9	64.0	15.5	-	-	0.0	-	0.0	-	-	-
90.0	37.0	7.0	117.4	135.7	19.1	-	-	0.0	-	0.0	-	-	-
90.0	45.0	73.4	400.2	111.0	10.4	-	-	0.0	-	0.0	-	-	-

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	53.0	156.2	154.0	58.9	175.0	–	–	0.0	–	6.2	–	–	–
90.0	60.0	0.0	369.7	17.4	32.8	–	–	3.8	–	–	–	–	–
90.0	70.0	0.0	30.9	3.2	6.1	–	–	0.0	–	0.0	–	–	–
90.0	80.0	2.9	4.6	105.3	18.1	–	–	0.0	–	0.0	–	–	–
90.0	90.0	0.0	0.0	0.0	161.7	–	–	6.5	–	0.0	–	–	–
90.0	100.0	–	–	–	6.3	–	–	–	–	0.0	–	–	–
93.0	27.0	12.5	123.1	2.9	–	–	–	0.0	–	–	–	–	–
93.0	28.0	0.0	6.3	34.3	–	–	–	0.0	–	–	–	–	–
93.0	30.0	0.0	12.1	15.6	–	–	–	11.8	–	–	–	–	–
93.0	35.0	0.0	12.1	3.2	–	–	–	0.0	–	–	–	–	–
93.0	40.0	25.4	6.3	3.2	–	–	–	0.0	–	–	–	–	–
93.0	45.0	115.6	12.4	163.2	–	–	–	0.0	–	–	–	–	–
93.0	50.0	–	25.5	0.0	–	–	–	11.0	–	–	–	–	–
93.0	55.0	–	45.2	3.3	–	–	–	12.7	–	–	–	–	–
93.0	60.0	89.4	12.6	0.0	–	–	–	2.8	–	–	–	–	–
93.0	70.0	0.0	27.1	0.0	–	–	–	0.0	–	–	–	–	–
93.0	80.0	0.0	6.8	0.0	–	–	–	0.0	–	–	–	–	–
93.0	90.0	0.0	6.5	53.8	–	–	–	0.0	–	–	–	–	–
97.0	29.0	5.6	52.4	18.9	–	–	–	–	–	–	–	–	–
97.0	30.0	22.4	6.7	21.8	–	–	–	–	–	–	–	–	–
97.0	32.0	0.0	12.0	40.2	–	–	–	0.0	–	–	–	–	–
97.0	35.0	0.0	8.8	34.9	–	–	–	0.0	–	–	–	–	–
97.0	40.0	12.1	19.6	3.3	–	–	–	0.0	–	–	–	–	–
97.0	50.0	0.0	6.0	0.0	–	–	–	0.0	–	–	–	–	–
97.0	55.0	13.3	91.1	0.0	–	–	–	0.0	–	–	–	–	–
97.0	60.0	7.9	0.0	0.0	–	–	–	0.0	–	–	–	–	–
97.0	70.0	0.0	70.5	0.0	–	–	–	3.0	–	–	–	–	–
97.0	80.0	3.0	182.4	0.0	–	–	–	2.6	–	–	–	–	–
97.0	90.0	3.1	0.0	6.6	–	–	–	0.0	–	–	–	–	–
100.0	29.0	25.0	0.0	89.3	–	32.5	–	0.0	–	–	3.0	–	–
100.0	30.0	29.8	66.8	81.6	–	45.9	–	0.0	–	–	0.0	–	–
100.0	35.0	0.0	3.2	10.3	–	59.5	–	0.0	–	–	0.0	–	–
100.0	40.0	3.8	3.4	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	50.0	27.1	6.1	0.0	–	25.6	–	0.0	–	–	0.0	–	–
100.0	60.0	40.4	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	70.0	0.0	0.0	12.8	–	0.0	–	0.0	–	–	0.0	–	–
100.0	80.0	0.0	0.0	30.3	–	0.0	–	0.0	–	–	0.0	–	–
100.0	90.0	0.0	0.0	2.9	–	0.0	–	0.0	–	–	0.0	–	–
103.0	29.0	25.5	39.3	35.9	–	–	–	–	–	–	–	–	–
103.0	30.0	25.8	215.8	114.0	–	–	–	–	–	–	–	–	–
103.0	35.0	3.4	0.0	44.2	–	–	–	–	–	–	–	–	–
103.0	40.0	3.2	0.0	10.3	–	–	–	–	–	–	–	–	–
103.0	50.0	12.8	0.0	0.0	–	–	–	0.0	–	–	–	–	–
103.0	55.0	–	5.5	–	–	–	–	–	–	–	–	–	–
103.0	60.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
107.0	31.0	10.5	28.6	17.1	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	32.0	21.1	6.4	3.4	–	–	–	0.0	–	–	–	–	–
107.0	35.0	3.4	3.4	3.6	–	–	–	0.0	–	–	–	–	–
107.0	40.0	0.0	5.3	10.5	–	–	–	0.0	–	–	–	–	–
107.0	50.0	3.1	0.0	0.0	–	–	–	0.0	–	–	–	–	–
107.0	70.0	2.9	0.0	0.0	–	–	–	0.0	–	–	–	–	–
107.0	80.0	2.8	0.0	0.0	–	–	–	0.0	–	–	–	–	–
110.0	32.0	15.8	11.8	9.3	–	34.3	–	0.0	–	–	0.0	–	–
110.0	35.0	–	3.3	9.9	–	18.0	–	0.0	–	–	0.0	–	–
110.0	40.0	0.0	0.0	3.4	–	2.5	–	0.0	–	–	0.0	–	–
110.0	45.0	0.0	0.0	6.4	–	6.7	–	0.0	–	–	0.0	–	–
110.0	50.0	3.1	3.3	0.0	–	3.2	–	0.0	–	–	0.0	–	–
110.0	55.0	0.0	0.0	0.0	–	3.1	–	0.0	–	–	0.0	–	–
110.0	80.0	3.2	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
113.0	29.0	2.1	35.0	4.9	–	–	–	0.0	–	–	–	–	–
113.0	30.0	5.3	0.0	19.6	–	–	–	19.7	–	–	–	–	–
113.0	35.0	0.0	0.0	10.0	–	–	–	0.0	–	–	–	–	–
113.0	40.0	0.0	0.0	3.2	–	–	–	0.0	–	–	–	–	–
117.0	25.0	0.0	0.0	13.3	–	–	–	0.0	–	–	–	–	–
117.0	26.0	3.0	10.7	11.9	–	–	–	0.0	–	–	–	–	–
117.0	30.0	2.8	11.0	45.9	–	–	–	11.4	–	–	–	–	–
117.0	35.0	0.0	11.1	34.3	–	–	–	0.0	–	–	–	–	–
117.0	40.0	0.0	37.0	52.6	–	–	–	0.0	–	–	–	–	–
117.0	45.0	0.0	2.8	47.0	–	–	–	0.0	–	–	–	–	–
117.0	50.0	0.0	0.0	12.4	–	–	–	0.0	–	–	–	–	–
117.0	60.0	0.0	0.0	0.0	–	–	–	11.7	–	–	–	–	–
117.0	70.0	0.0	2.7	0.0	–	–	–	0.0	–	–	–	–	–
117.0	80.0	0.0	2.7	0.0	–	–	–	0.0	–	–	–	–	–
118.0	39.0	–	11.0	24.2	–	–	–	0.0	–	–	–	–	–
119.0	33.0	0.0	0.0	29.7	–	–	–	0.0	–	–	–	–	–
120.0	24.0	0.0	10.2	0.0	–	0.0	–	0.0	–	–	0.0	–	–
120.0	25.0	0.0	8.6	0.0	–	0.0	–	0.0	–	–	0.0	–	–
120.0	40.0	0.0	0.0	2.1	–	0.0	–	0.0	–	–	0.0	–	–
120.0	45.0	0.0	0.0	26.2	–	13.0	–	0.0	–	–	0.0	–	–
123.0	36.0	0.0	19.8	57.6	–	–	–	0.0	–	–	–	–	–
123.0	37.0	37.3	64.9	450.9	–	–	–	0.0	–	–	–	–	–
123.0	42.0	0.0	13.2	0.0	–	–	–	0.0	–	–	–	–	–
123.0	45.0	0.0	39.7	0.0	–	–	–	0.0	–	–	–	–	–
123.0	50.0	0.0	0.0	7.2	–	–	–	0.0	–	–	–	–	–
127.0	33.0	0.0	2.6	20.6	–	–	–	0.0	–	–	–	–	–
127.0	34.0	56.0	0.0	8.3	–	–	–	0.0	–	–	–	–	–
127.0	40.0	3.4	0.0	0.0	–	–	–	0.0	–	–	–	–	–
130.0	35.0	0.0	0.0	3.3	–	0.0	–	0.0	–	–	0.0	–	–
133.0	30.0	0.0	0.0	6.1	–	–	–	0.0	–	–	–	–	–
133.0	35.0	0.0	0.0	76.6	–	–	–	0.0	–	–	–	–	–
137.0	35.0	0.0	0.0	3.2	–	–	–	0.0	–	–	–	–	–
157.0	45.0	–	0.0	–	–	–	3.3	–	–	–	–	0.0	–

TABLE 4. (cont.)

Sebastes aurora

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	51.0	0.0	0.0	–	8.3	–	–	0.0	–	–	–	0.0	–
70.0	53.0	0.0	0.0	0.0	0.0	–	–	0.0	–	–	–	2.7	–
70.0	65.0	–	3.4	0.0	0.0	–	–	0.0	–	–	–	0.0	–
77.0	51.0	0.0	0.0	4.8	–	–	–	0.0	–	–	–	–	–
77.0	55.0	13.6	0.0	0.0	–	–	–	0.0	–	–	–	–	–
80.0	52.0	0.0	0.0	0.0	6.2	–	–	0.0	–	–	0.0	–	–
80.0	70.0	3.8	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–
80.0	80.0	3.3	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–
90.0	45.0	3.2	0.0	0.0	0.0	–	–	0.0	–	0.0	–	–	–
90.0	53.0	0.0	0.0	0.0	3.2	–	–	0.0	–	0.0	–	–	–
90.0	60.0	0.0	3.2	0.0	0.0	–	–	0.0	–	–	–	–	–
90.0	90.0	0.0	0.0	0.0	3.4	–	–	0.0	–	0.0	–	–	–
97.0	55.0	0.0	2.9	0.0	–	–	–	0.0	–	–	–	–	–
97.0	80.0	0.0	3.0	0.0	–	–	–	0.0	–	–	–	–	–
97.0	90.0	0.0	0.0	3.3	–	–	–	0.0	–	–	–	–	–
100.0	40.0	0.0	0.0	0.0	–	3.3	–	0.0	–	–	0.0	–	–
100.0	80.0	0.0	0.0	3.0	–	0.0	–	0.0	–	–	0.0	–	–
110.0	45.0	0.0	0.0	0.0	–	3.4	–	0.0	–	–	0.0	–	–

Sebastes jordani

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
57.0	60.0	–	–	15.7	–	–	–	0.0	–	–	–	–	–
60.0	52.0	–	10.4	0.0	0.0	–	–	0.0	–	–	–	0.0	–
60.0	55.0	–	0.0	11.3	0.0	–	–	0.0	–	–	–	0.0	–
60.0	60.0	–	3.4	7.3	0.0	–	–	0.0	–	–	–	0.0	–
60.0	65.0	–	18.6	24.0	0.0	–	–	0.0	–	–	–	0.0	–
63.0	50.0	–	0.0	2.6	–	–	–	0.0	–	–	–	–	–
63.0	52.0	–	0.0	3.9	–	–	–	0.0	–	–	–	–	–
63.0	55.0	740.7	0.0	0.0	–	–	–	0.0	–	–	–	–	–
63.0	60.0	0.0	6.5	14.2	–	–	–	0.0	–	–	–	–	–
67.0	48.0	–	6.2	0.0	–	–	–	0.0	–	–	–	–	–
67.0	50.0	45.6	72.2	129.2	–	–	–	0.0	–	–	–	–	–
67.0	55.0	0.0	0.0	29.6	–	–	–	0.0	–	–	–	–	–
67.0	60.0	14.8	26.2	0.0	–	–	–	0.0	–	–	–	–	–
67.0	70.0	–	3.1	0.0	–	–	–	0.0	–	–	–	–	–
70.0	53.0	13.5	0.0	31.0	0.0	–	–	0.0	–	–	–	0.0	–
70.0	55.0	–	–	25.3	–	–	–	–	–	–	–	–	–
70.0	65.0	–	0.0	1.5	0.0	–	–	0.0	–	–	–	0.0	–
70.0	70.0	3.7	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–
73.0	50.0	–	14.8	0.0	–	–	–	0.0	–	–	–	–	–
73.0	53.0	0.0	0.0	9.6	–	–	–	0.0	–	–	–	–	–
73.0	65.0	0.0	0.0	6.2	–	–	–	–	–	–	–	–	–
77.0	48.0	0.0	0.0	21.8	–	–	–	0.0	–	–	–	–	–
77.0	51.0	127.1	3.4	0.0	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Sebastes jordani (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	55.0	3.4	0.0	1.5	–	–	–	0.0	–	–	–	–	–
77.0	70.0	0.0	0.0	3.5	–	–	–	0.0	–	–	–	–	–
80.0	51.0	14.6	0.0	0.0	3.5	–	–	0.0	–	–	0.0	–	–
80.0	52.0	3.7	0.0	0.0	21.6	–	–	0.0	–	–	0.0	–	–
80.0	55.0	10.7	0.0	6.1	0.0	–	–	0.0	–	–	–	0.0	–
80.0	60.0	0.0	0.0	3.2	0.0	–	–	0.0	–	–	–	0.0	–
80.0	70.0	30.2	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–
80.0	80.0	0.0	0.0	3.2	0.0	–	–	0.0	–	–	–	0.0	–
82.0	47.0	12.8	42.8	167.5	–	–	–	0.0	–	–	–	–	–
83.0	40.0	147.6	0.0	0.0	–	–	–	0.0	–	–	–	–	–
83.0	43.0	147.6	0.0	–	–	–	–	0.0	–	–	–	–	–
83.0	51.0	9.0	63.8	112.1	–	–	–	0.0	–	–	–	–	–
83.0	55.0	10.3	75.0	14.8	–	–	–	0.0	–	–	–	–	–
83.0	60.0	0.0	107.6	0.0	–	–	–	0.0	–	–	–	–	–
83.0	80.0	3.7	0.0	0.0	–	–	–	0.0	–	–	–	–	–
87.0	33.0	39.2	50.2	5.6	–	–	–	0.0	–	–	–	–	–
87.0	35.0	–	66.9	12.0	–	–	–	0.0	–	–	–	–	–
87.0	40.0	24.8	0.0	–	–	–	–	0.0	–	–	–	–	–
87.0	45.0	6.1	0.0	20.2	–	–	–	0.0	–	–	–	–	–
87.0	50.0	13.5	4.0	98.6	–	–	–	–	–	–	–	–	–
87.0	55.0	0.0	25.7	0.0	–	–	–	0.0	–	–	–	–	–
90.0	28.0	0.0	0.0	3.5	5.8	–	–	0.0	–	0.0	–	–	–
90.0	32.0	0.0	25.6	12.8	0.0	–	–	0.0	–	0.0	–	–	–
90.0	37.0	0.0	18.4	251.9	0.0	–	–	0.0	–	0.0	–	–	–
90.0	45.0	19.1	0.0	15.9	2.6	–	–	0.0	–	0.0	–	–	–
90.0	53.0	9.9	0.0	0.0	0.0	–	–	0.0	–	0.0	–	–	–
90.0	80.0	0.0	0.0	0.0	3.0	–	–	0.0	–	0.0	–	–	–
90.0	90.0	0.0	0.0	0.0	3.4	–	–	0.0	–	0.0	–	–	–
93.0	28.0	2.6	3.1	18.7	–	–	–	0.0	–	–	–	–	–
93.0	35.0	0.0	12.1	0.0	–	–	–	0.0	–	–	–	–	–
93.0	45.0	3.7	0.0	0.0	–	–	–	0.0	–	–	–	–	–
100.0	30.0	6.0	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
107.0	35.0	0.0	13.5	0.0	–	–	–	0.0	–	–	–	–	–
117.0	45.0	0.0	0.0	6.3	–	–	–	0.0	–	–	–	–	–

Sebastes levis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	70.0	0.0	0.0	1.8	–	–	–	0.0	–	–	–	–	–
80.0	52.0	3.7	0.0	0.0	6.2	–	–	0.0	–	–	0.0	–	–
80.0	55.0	5.3	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–
83.0	40.0	20.4	0.0	0.0	–	–	–	0.0	–	–	–	–	–
83.0	43.0	20.4	0.0	–	–	–	–	0.0	–	–	–	–	–
83.0	51.0	9.0	0.0	0.0	–	–	–	0.0	–	–	–	–	–
83.0	55.0	5.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Sebastes levis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	60.0	0.0	3.5	0.0	–	–	–	0.0	–	–	–	–	–
87.0	50.0	0.0	0.0	6.4	–	–	–	–	–	–	–	–	–
87.0	55.0	24.7	0.0	0.0	–	–	–	0.0	–	–	–	–	–
90.0	45.0	3.2	0.0	0.0	0.0	–	–	0.0	–	0.0	–	–	–
90.0	53.0	2.5	0.0	0.0	0.0	–	–	0.0	–	0.0	–	–	–

Sebastes macdonaldi

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	29.0	0.0	0.0	3.2	–	0.0	–	0.0	–	–	0.0	–	–
113.0	40.0	3.1	0.0	0.0	–	–	–	0.0	–	–	–	–	–
117.0	45.0	0.0	0.0	37.6	–	–	–	0.0	–	–	–	–	–
117.0	50.0	0.0	0.0	15.5	–	–	–	0.0	–	–	–	–	–
120.0	30.0	0.0	0.0	2.9	–	0.0	–	0.0	–	–	0.0	–	–
123.0	37.0	5.7	19.7	68.4	–	–	–	0.0	–	–	–	–	–
123.0	42.0	0.0	6.6	0.0	–	–	–	0.0	–	–	–	–	–
127.0	33.0	0.0	5.2	0.0	–	–	–	0.0	–	–	–	–	–
127.0	34.0	3.1	6.3	0.0	–	–	–	0.0	–	–	–	–	–
127.0	45.0	3.0	0.0	0.0	–	–	–	0.0	–	–	–	–	–
130.0	35.0	0.0	13.6	0.0	–	0.0	–	0.0	–	–	0.0	–	–
137.0	35.0	0.0	3.1	0.0	–	–	–	0.0	–	–	–	–	–

Sebastes paucispinis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
43.0	45.0	–	12.8	–	–	–	–	0.0	–	–	–	–	–
47.0	50.0	–	96.8	–	–	–	–	0.0	–	–	–	–	–
47.0	55.0	–	40.4	–	–	–	–	0.0	–	–	–	–	–
50.0	50.0	–	31.0	–	–	0.0	–	0.0	–	–	–	0.0	–
50.0	55.0	–	27.0	–	–	0.0	–	0.0	–	–	–	0.0	–
53.0	60.0	–	–	103.9	–	–	–	0.0	–	–	–	–	–
53.0	65.0	–	–	30.4	–	–	–	0.0	–	–	–	–	–
53.0	70.0	–	–	14.6	–	–	–	0.0	–	–	–	–	–
53.0	80.0	–	–	34.7	–	–	–	0.0	–	–	–	–	–
57.0	55.0	–	–	36.4	–	–	–	0.0	–	–	–	–	–
57.0	70.0	–	–	29.4	–	–	–	0.0	–	–	–	–	–
57.0	80.0	–	–	25.4	–	–	–	0.0	–	–	–	–	–
60.0	60.0	–	80.9	189.4	0.0	–	–	0.0	–	–	–	0.0	–
60.0	65.0	–	83.7	136.6	0.0	–	–	0.0	–	–	–	0.0	–
60.0	70.0	–	3.3	0.0	0.0	–	–	0.0	–	–	–	0.0	–
60.0	80.0	–	–	1.6	0.0	–	–	0.0	–	–	–	0.0	–
63.0	55.0	2.9	0.0	0.0	–	–	–	0.0	–	–	–	–	–
63.0	60.0	27.1	3.3	4.6	–	–	–	0.0	–	–	–	–	–
63.0	65.0	–	0.0	14.0	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Sebastes paucispinis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	70.0	–	0.0	7.5	–	–	–	0.0	–	–	–	–	–
63.0	80.0	–	–	6.0	–	–	–	0.0	–	–	–	–	–
67.0	50.0	8.6	3.3	0.0	–	–	–	0.0	–	–	–	–	–
67.0	55.0	23.1	8.6	7.4	–	–	–	0.0	–	–	–	–	–
67.0	60.0	41.3	11.6	3.7	–	–	–	0.0	–	–	–	–	–
70.0	53.0	40.6	5.8	0.0	0.0	–	–	0.0	–	–	–	5.4	–
70.0	60.0	0.0	3.7	16.2	0.0	–	–	0.0	–	–	–	0.0	–
70.0	65.0	–	3.4	1.5	0.0	–	–	0.0	–	–	–	0.0	–
70.0	70.0	7.5	19.6	0.0	0.0	–	–	0.0	–	–	–	0.0	–
70.0	80.0	0.0	0.0	0.0	3.9	–	–	0.0	–	–	–	0.0	–
70.0	90.0	6.4	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–
73.0	60.0	3.5	0.0	3.4	–	–	–	0.0	–	–	–	–	–
73.0	65.0	17.6	3.2	1.5	–	–	–	–	–	–	–	–	–
73.0	70.0	0.0	0.0	3.3	–	–	–	–	–	–	–	–	–
73.0	80.0	0.0	0.0	8.2	–	–	–	–	–	–	–	–	–
73.0	90.0	0.0	0.0	1.5	–	–	–	–	–	–	–	–	–
77.0	51.0	31.0	0.0	0.0	–	–	–	0.0	–	–	–	–	–
77.0	55.0	74.6	8.3	8.9	–	–	–	0.0	–	–	–	–	–
77.0	60.0	51.2	0.0	7.0	–	–	–	0.0	–	–	–	–	–
77.0	65.0	0.0	12.7	4.8	–	–	–	0.0	–	–	–	–	–
77.0	70.0	0.0	9.1	8.8	–	–	–	0.0	–	–	–	–	–
77.0	80.0	0.0	0.0	1.7	–	–	–	–	–	–	–	–	–
80.0	51.0	4.9	0.0	0.0	0.0	–	–	0.0	–	–	0.0	–	–
80.0	52.0	25.8	20.8	0.0	3.1	–	–	0.0	–	–	0.0	–	–
80.0	55.0	64.2	16.8	3.0	0.0	–	–	0.0	–	–	–	0.0	–
80.0	60.0	18.9	0.0	6.3	7.2	–	–	0.0	–	–	–	0.0	–
80.0	70.0	30.2	0.0	0.0	3.6	–	–	0.0	–	–	–	0.0	–
80.0	80.0	39.5	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–
80.0	90.0	0.0	4.1	3.1	0.0	–	–	0.0	–	–	–	0.0	–
82.0	47.0	4.3	0.0	3.2	–	–	–	0.0	–	–	–	–	–
83.0	40.0	66.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–
83.0	43.0	66.2	0.0	–	–	–	–	0.0	–	–	–	–	–
83.0	51.0	40.6	4.6	8.9	–	–	–	0.0	–	–	–	–	–
83.0	55.0	293.6	52.2	11.8	–	–	–	0.0	–	–	–	–	–
83.0	60.0	10.5	52.0	0.0	–	–	–	0.0	–	–	–	–	–
83.0	70.0	0.0	3.4	6.3	–	–	–	0.0	–	–	–	–	–
83.0	80.0	18.5	3.6	0.0	–	–	–	0.0	–	–	–	–	–
87.0	35.0	–	0.0	3.0	–	–	–	0.0	–	–	–	–	–
87.0	45.0	6.1	0.0	0.0	–	–	–	0.0	–	–	–	–	–
87.0	50.0	143.1	0.0	28.6	–	–	–	–	–	–	–	–	–
87.0	55.0	4.1	3.2	30.5	–	–	–	0.0	–	–	–	–	–
87.0	60.0	0.0	2.7	0.0	–	–	–	0.0	–	–	–	–	–
90.0	32.0	0.0	0.0	0.0	3.1	–	–	0.0	–	0.0	–	–	–
90.0	37.0	0.0	0.0	9.7	3.2	–	–	0.0	–	0.0	–	–	–
90.0	45.0	9.6	20.9	0.0	0.0	–	–	0.0	–	0.0	–	–	–
90.0	53.0	76.9	0.0	6.2	0.0	–	–	0.0	–	0.0	–	–	–

TABLE 4. (cont.)

Sebastes paucispinis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	60.0	0.0	15.8	0.0	11.9	–	–	0.0	–	–	–	–	–
93.0	28.0	2.6	0.0	0.0	–	–	–	0.0	–	–	–	–	–
93.0	30.0	0.0	0.0	3.1	–	–	–	0.0	–	–	–	–	–
93.0	35.0	2.9	0.0	0.0	–	–	–	0.0	–	–	–	–	–
93.0	45.0	11.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–
93.0	60.0	15.8	0.0	0.0	–	–	–	0.0	–	–	–	–	–
93.0	90.0	0.0	3.2	3.4	–	–	–	0.0	–	–	–	–	–
97.0	32.0	0.0	9.0	0.0	–	–	–	0.0	–	–	–	–	–
97.0	55.0	3.3	17.6	0.0	–	–	–	0.0	–	–	–	–	–
97.0	60.0	0.0	2.8	0.0	–	–	–	0.0	–	–	–	–	–
97.0	70.0	0.0	8.1	0.0	–	–	–	0.0	–	–	–	–	–
97.0	90.0	0.0	2.7	0.0	–	–	–	0.0	–	–	–	–	–
100.0	30.0	0.0	3.2	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	40.0	3.8	0.0	0.0	–	3.3	–	0.0	–	–	0.0	–	–
100.0	60.0	3.4	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	70.0	0.0	3.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
103.0	50.0	12.8	0.0	0.0	–	–	–	0.0	–	–	–	–	–
107.0	31.0	7.9	0.0	0.0	–	–	–	0.0	–	–	–	–	–
107.0	32.0	3.0	0.0	0.0	–	–	–	0.0	–	–	–	–	–
110.0	32.0	0.0	7.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
110.0	55.0	0.0	0.0	0.0	–	3.1	–	0.0	–	–	0.0	–	–

Sebastolobus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	45.0	–	0.0	–	–	0.0	–	–	–	–	3.4	–	–
40.0	55.0	–	0.0	–	–	26.1	–	–	–	–	0.0	–	–
40.0	60.0	–	0.0	–	–	7.1	–	–	–	–	0.0	–	–
40.0	65.0	–	0.0	–	–	18.3	–	–	–	–	0.0	–	–
40.0	70.0	–	–	–	–	4.6	–	–	–	–	0.0	–	–
40.0	80.0	–	–	–	–	13.9	–	–	–	–	0.0	–	–
50.0	50.0	–	0.0	–	–	0.0	–	29.0	–	–	–	0.0	–
50.0	55.0	–	0.0	–	–	0.0	–	22.6	–	–	–	0.0	–
53.0	60.0	–	–	0.0	–	–	–	13.1	–	–	–	–	–
53.0	90.0	–	–	–	–	–	–	6.1	–	–	–	–	–
57.0	90.0	–	–	–	–	–	–	5.8	–	–	–	–	–
60.0	60.0	–	0.0	1.8	0.0	–	–	0.0	–	–	–	0.0	–
60.0	65.0	–	0.0	7.2	0.0	–	–	0.0	–	–	–	0.0	–
60.0	90.0	–	–	0.0	0.0	–	–	3.0	–	–	–	0.0	–
67.0	55.0	0.0	0.0	9.3	–	–	–	0.0	–	–	–	–	–
67.0	70.0	–	0.0	7.0	–	–	–	0.0	–	–	–	–	–
67.0	90.0	–	–	0.0	–	–	–	3.1	–	–	–	–	–
70.0	53.0	0.0	2.9	0.0	0.0	–	–	0.0	–	–	–	0.0	–
70.0	60.0	0.0	3.7	0.0	0.0	–	–	0.0	–	–	–	0.0	–
70.0	65.0	–	6.8	1.5	0.0	–	–	0.0	–	–	–	0.0	–

TABLE 4. (cont.)

Sebastolobus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	80.0	0.0	0.0	3.3	11.6	–	–	0.0	–	–	–	0.0	–
73.0	60.0	0.0	3.1	1.7	–	–	–	0.0	–	–	–	–	–
73.0	65.0	0.0	0.0	9.1	–	–	–	–	–	–	–	–	–
73.0	70.0	0.0	0.0	28.1	–	–	–	–	–	–	–	–	–
73.0	90.0	0.0	0.0	20.8	–	–	–	–	–	–	–	–	–
77.0	48.0	0.0	0.0	24.9	–	–	–	0.0	–	–	–	–	–
77.0	51.0	0.0	0.0	3.2	–	–	–	0.0	–	–	–	–	–
77.0	55.0	0.0	0.0	17.8	–	–	–	0.0	–	–	–	–	–
77.0	65.0	0.0	0.0	28.2	–	–	–	0.0	–	–	–	–	–
77.0	70.0	0.0	0.0	40.3	–	–	–	0.0	–	–	–	–	–
80.0	55.0	0.0	0.0	0.0	0.0	–	–	0.0	–	–	–	2.8	–
80.0	60.0	0.0	0.0	37.9	0.0	–	–	0.0	–	–	–	0.0	–
80.0	70.0	0.0	0.0	6.2	0.0	–	–	0.0	–	–	–	0.0	–
80.0	80.0	0.0	0.0	0.0	8.5	–	–	0.0	–	–	–	0.0	–
80.0	90.0	0.0	0.0	15.3	36.6	–	–	0.0	–	–	–	0.0	–
83.0	51.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
83.0	55.0	0.0	0.0	14.8	–	–	–	0.0	–	–	–	–	–
83.0	60.0	0.0	3.5	0.0	–	–	–	0.0	–	–	–	–	–
83.0	70.0	0.0	0.0	3.1	–	–	–	0.0	–	–	–	–	–
83.0	80.0	3.7	0.0	0.0	–	–	–	0.0	–	–	–	–	–
87.0	50.0	0.0	0.0	6.4	–	–	–	–	–	–	–	–	–
87.0	55.0	0.0	3.2	13.6	–	–	–	0.0	–	–	–	–	–
90.0	60.0	0.0	3.2	0.0	0.0	–	–	0.0	–	–	–	–	–
90.0	80.0	0.0	0.0	24.1	0.0	–	–	0.0	–	0.0	–	–	–
93.0	45.0	0.0	3.1	0.0	–	–	–	0.0	–	–	–	–	–
93.0	55.0	–	6.5	0.0	–	–	–	0.0	–	–	–	–	–
93.0	60.0	0.0	3.1	0.0	–	–	–	0.0	–	–	–	–	–
93.0	70.0	0.0	0.0	11.9	–	–	–	2.8	–	–	–	–	–
93.0	80.0	0.0	0.0	6.0	–	–	–	0.0	–	–	–	–	–
93.0	90.0	0.0	0.0	3.4	–	–	–	0.0	–	–	–	–	–
97.0	40.0	0.0	0.0	0.0	–	–	–	10.5	–	–	–	–	–
97.0	80.0	0.0	14.9	0.0	–	–	–	0.0	–	–	–	–	–
100.0	35.0	3.4	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
103.0	70.0	0.0	0.0	3.2	–	–	–	0.0	–	–	–	–	–

Prionotus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	60.0	0.0	0.0	0.0	–	3.3	–	0.0	–	–	0.0	–	–
120.0	24.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	4.9	–	–
120.0	25.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	5.3	–	–
150.0	19.0	–	3.4	–	–	–	0.0	–	–	–	–	0.0	–
150.0	25.0	–	0.0	–	–	–	6.9	–	–	–	–	0.0	–
150.0	30.0	–	0.0	–	–	–	3.4	–	–	–	–	0.0	–

TABLE 4. (cont.)

Blennioidei

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	–	0.0	–	–	15.3	–	–	–	–	0.0	–	–
40.0	45.0	–	18.1	–	–	0.0	–	–	–	–	0.0	–	–
57.0	51.0	–	–	13.7	–	–	–	–	–	–	–	–	–
57.0	65.0	–	–	16.7	–	–	–	0.0	–	–	–	–	–
60.0	52.0	–	0.0	1.6	0.0	–	–	0.0	–	–	–	0.0	–
60.0	60.0	–	3.4	0.0	0.0	–	–	0.0	–	–	–	0.0	–
63.0	50.0	–	2.3	0.0	–	–	–	0.0	–	–	–	–	–
77.0	48.0	0.0	4.7	0.0	–	–	–	0.0	–	–	–	–	–
90.0	45.0	0.0	3.5	0.0	0.0	–	–	0.0	–	0.0	–	–	–

Bathymasteridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
53.0	55.0	–	–	13.3	–	–	–	0.0	–	–	–	–	–

Hypsoblennius spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	33.0	0.0	0.0	0.0	–	–	–	50.1	–	–	–	–	–
90.0	28.0	0.0	0.0	0.0	2.9	–	–	0.0	–	13.6	–	–	–
110.0	32.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	2.5	–	–
110.0	40.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.2	–	–
113.0	29.0	0.0	0.0	0.0	–	–	–	22.8	–	–	–	–	–
120.0	24.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	2.4	–	–
120.0	45.0	0.0	0.0	0.0	–	2.6	–	0.0	–	–	0.0	–	–
130.0	28.0	0.0	3.0	3.3	–	0.0	–	19.4	–	–	0.0	–	–
130.0	40.0	0.0	0.0	0.0	–	0.0	–	2.7	–	–	0.0	–	–
133.0	23.0	0.0	0.0	0.0	–	–	–	8.6	–	–	–	–	–
137.0	22.0	0.0	2.6	7.5	–	–	–	0.0	–	–	–	–	–
137.0	23.0	0.0	7.6	0.0	–	–	–	0.0	–	–	–	–	–

Clinidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	–	0.0	3.2	0.0	–	–	0.0	–	–	–	0.0	–
63.0	50.0	–	0.0	36.1	–	–	–	0.0	–	–	–	–	–
77.0	48.0	0.0	0.0	6.2	–	–	–	0.0	–	–	–	–	–
83.0	51.0	0.0	4.6	0.0	–	–	–	0.0	–	–	–	–	–
87.0	50.0	0.0	0.0	3.2	–	–	–	–	–	–	–	–	–
90.0	28.0	0.0	3.6	0.0	0.0	–	–	0.0	–	0.0	–	–	–
93.0	27.0	0.0	13.7	0.0	–	–	–	0.0	–	–	–	–	–
97.0	29.0	0.0	10.5	2.1	–	–	–	–	–	–	–	–	–
100.0	29.0	0.0	0.0	9.6	–	0.0	–	0.0	–	–	0.0	–	–

TABLE 4. (cont.)

Clinidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	29.0	31.1	0.0	2.8	–	–	–	–	–	–	–	–	–
103.0	30.0	12.9	15.8	28.0	–	–	–	–	–	–	–	–	–
107.0	31.0	28.8	0.0	0.0	–	–	–	0.0	–	–	–	–	–
107.0	32.0	9.0	0.0	0.0	–	–	–	0.0	–	–	–	–	–
110.0	32.0	2.6	2.3	7.0	–	0.0	–	20.6	–	–	0.0	–	–
117.0	25.0	0.0	0.0	2.7	–	–	–	0.0	–	–	–	–	–
120.0	40.0	31.1	7.9	0.0	–	28.8	–	0.0	–	–	0.0	–	–
123.0	36.0	2.7	2.8	8.6	–	–	–	0.0	–	–	–	–	–
123.0	37.0	0.0	11.3	0.0	–	–	–	0.0	–	–	–	–	–
150.0	25.0	–	3.6	–	–	–	0.0	–	–	–	–	0.0	–

Gobiidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	47.0	–	0.0	–	–	0.0	–	0.0	–	–	–	2.9	–
60.0	52.0	–	0.0	4.8	0.0	–	–	0.0	–	–	–	0.0	–
67.0	50.0	0.0	0.0	0.0	–	–	–	24.2	–	–	–	–	–
70.0	51.0	0.0	3.0	–	0.0	–	–	0.0	–	–	–	0.0	–
70.0	65.0	–	0.0	7.8	0.0	–	–	0.0	–	–	–	0.0	–
73.0	70.0	0.0	0.0	3.3	–	–	–	–	–	–	–	–	–
77.0	55.0	3.4	0.0	0.0	–	–	–	0.0	–	–	–	–	–
77.0	60.0	0.0	0.0	1.7	–	–	–	0.0	–	–	–	–	–
77.0	65.0	0.0	0.0	13.3	–	–	–	0.0	–	–	–	–	–
77.0	70.0	0.0	0.0	1.8	–	–	–	0.0	–	–	–	–	–
80.0	51.0	4.9	0.0	7.7	0.0	–	–	0.0	–	–	0.0	–	–
80.0	52.0	0.0	0.0	3.3	6.2	–	–	0.0	–	–	0.0	–	–
80.0	55.0	5.3	0.0	0.0	0.0	–	–	0.0	–	–	–	5.6	–
80.0	60.0	0.0	0.0	3.2	3.6	–	–	0.0	–	–	–	0.0	–
80.0	70.0	11.3	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–
82.0	47.0	4.3	0.0	3.2	–	–	–	0.0	–	–	–	–	–
83.0	40.0	5.1	1.7	0.0	–	–	–	0.0	–	–	–	–	–
83.0	43.0	5.1	19.7	–	–	–	–	0.0	–	–	–	–	–
83.0	51.0	13.5	4.6	3.0	–	–	–	0.0	–	–	–	–	–
83.0	55.0	0.0	13.0	3.0	–	–	–	0.0	–	–	–	–	–
83.0	60.0	0.0	10.4	0.0	–	–	–	0.0	–	–	–	–	–
83.0	70.0	0.0	0.0	3.1	–	–	–	0.0	–	–	–	–	–
87.0	33.0	17.8	1.9	0.0	–	–	–	35.8	–	–	–	–	–
87.0	35.0	–	0.0	3.0	–	–	–	0.0	–	–	–	–	–
87.0	45.0	0.0	0.0	6.7	–	–	–	0.0	–	–	–	–	–
87.0	50.0	0.0	2.6	15.9	–	–	–	–	–	–	–	–	–
87.0	55.0	0.0	0.0	6.8	–	–	–	0.0	–	–	–	–	–
87.0	60.0	0.0	0.0	0.0	–	–	–	11.3	–	–	–	–	–
90.0	28.0	0.0	3.6	0.0	2.9	–	–	0.0	–	0.0	–	–	–
90.0	37.0	0.0	0.0	3.2	0.0	–	–	0.0	–	0.0	–	–	–
90.0	45.0	6.4	3.5	0.0	0.0	–	–	0.0	–	0.0	–	–	–

TABLE 4. (cont.)

Gobiidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	53.0	2.5	0.0	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	60.0	0.0	3.2	0.0	0.0	-	-	0.0	-	-	-	-	-
90.0	80.0	0.0	0.0	3.0	0.0	-	-	0.0	-	0.0	-	-	-
93.0	45.0	3.7	0.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0	60.0	2.6	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	29.0	2.8	13.1	0.0	-	-	-	-	-	-	-	-	-
97.0	80.0	0.0	3.0	0.0	-	-	-	0.0	-	-	-	-	-
100.0	29.0	0.0	0.0	6.4	-	0.0	-	0.0	-	-	0.0	-	-
100.0	30.0	3.0	0.0	10.2	-	3.3	-	0.0	-	-	0.0	-	-
103.0	29.0	0.0	0.0	2.8	-	-	-	-	-	-	-	-	-
103.0	30.0	0.0	0.0	2.2	-	-	-	-	-	-	-	-	-
103.0	35.0	0.0	0.0	7.4	-	-	-	-	-	-	-	-	-
103.0	50.0	3.2	0.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	31.0	0.0	0.0	0.0	-	-	-	9.0	-	-	-	-	-
107.0	35.0	0.0	0.0	0.0	-	-	-	11.2	-	-	-	-	-
110.0	32.0	0.0	0.0	2.3	-	0.0	-	0.0	-	-	10.2	-	-
117.0	26.0	3.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
117.0	50.0	0.0	0.0	0.0	-	-	-	24.0	-	-	-	-	-
120.0	35.0	2.9	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
120.0	40.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	4.9	-	-
120.0	45.0	0.0	0.0	0.0	-	5.2	-	0.0	-	-	0.0	-	-
130.0	28.0	3.0	0.0	0.0	-	0.0	-	0.0	-	-	2.5	-	-
130.0	30.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	2.3	-	-
140.0	35.0	-	0.0	-	-	-	0.0	-	-	-	-	41.7	-
140.0	40.0	-	3.4	-	-	-	0.0	-	-	-	-	0.0	-
140.0	45.0	-	0.0	-	-	-	0.0	-	-	-	-	3.0	-
143.0	26.0	-	3.0	-	-	-	-	-	-	-	-	-	-
143.0	35.0	-	3.4	-	-	-	-	-	-	-	-	-	-
143.0	45.0	-	3.0	-	-	-	-	-	-	-	-	-	-
147.0	40.0	-	3.4	-	-	-	-	-	-	-	-	-	-
150.0	25.0	-	0.0	-	-	-	3.5	-	-	-	-	0.0	-
150.0	30.0	-	0.0	-	-	-	3.4	-	-	-	-	0.0	-
157.0	10.0	-	0.0	-	-	-	0.0	-	-	-	-	20.9	-
157.0	15.0	-	0.0	-	-	-	0.0	-	-	-	-	3.0	-
157.0	20.0	-	0.0	-	-	-	0.0	-	-	-	-	3.1	-
157.0	35.0	-	3.2	-	-	-	0.0	-	-	-	-	0.0	-

Microdesmidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	25.0	-	0.0	-	-	-	10.4	-	-	-	-	0.0	-

TABLE 4. (cont.)

Icosteus aenigmaticus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	–	0.0	1.8	0.0	–	–	0.0	–	–	–	0.0	–
60.0	90.0	–	–	6.4	0.0	–	–	0.0	–	–	–	0.0	–
63.0	60.0	0.0	0.0	7.1	–	–	–	0.0	–	–	–	–	–
63.0	65.0	–	0.0	7.0	–	–	–	0.0	–	–	–	–	–
63.0	80.0	–	–	1.6	–	–	–	0.0	–	–	–	–	–
70.0	51.0	6.3	0.0	–	0.0	–	–	0.0	–	–	–	0.0	–
77.0	51.0	3.1	3.4	1.6	–	–	–	0.0	–	–	–	–	–
80.0	52.0	0.0	3.5	0.0	0.0	–	–	0.0	–	–	0.0	–	–
80.0	90.0	3.5	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–
103.0	50.0	3.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–

Labridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	35.0	–	0.0	–	–	–	0.0	–	–	–	–	3.0	–
157.0	10.0	–	0.0	–	–	–	0.0	–	–	–	–	9.0	–
157.0	15.0	–	0.0	–	–	–	0.0	–	–	–	–	15.3	–
157.0	20.0	–	0.0	–	–	–	0.0	–	–	–	–	3.1	–
157.0	25.0	–	0.0	–	–	–	0.0	–	–	–	–	3.0	–
157.0	30.0	–	0.0	–	–	–	0.0	–	–	–	–	3.2	–
157.0	40.0	–	0.0	–	–	–	0.0	–	–	–	–	3.1	–
157.0	45.0	–	0.0	–	–	–	0.0	–	–	–	–	2.9	–
157.0	50.0	–	0.0	–	–	–	0.0	–	–	–	–	6.2	–
157.0	60.0	–	0.0	–	–	–	3.0	–	–	–	–	0.0	–

Halichoeres spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	60.0	0.0	0.0	0.0	–	–	–	46.9	–	–	–	–	–
120.0	25.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	5.3	–	–
120.0	30.0	0.0	0.0	0.0	–	0.0	–	9.2	–	–	5.0	–	–
120.0	40.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	4.9	–	–
130.0	30.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	7.0	–	–
140.0	30.0	–	0.0	–	–	–	0.0	–	–	–	–	2.9	–
140.0	35.0	–	0.0	–	–	–	0.0	–	–	–	–	65.6	–
140.0	55.0	–	0.0	–	–	–	0.0	–	–	–	–	2.9	–

Oxyjulis californica

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	55.0	0.0	0.0	0.0	0.0	–	–	0.0	–	–	–	2.8	–
83.0	51.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
83.0	55.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Oxyjulis californica (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	55.0	0.0	0.0	3.4	–	–	–	0.0	–	–	–	–	–
90.0	28.0	0.0	0.0	0.0	0.0	–	–	0.0	–	3.4	–	–	–
90.0	37.0	0.0	0.0	0.0	0.0	–	–	0.0	–	5.8	–	–	–
90.0	45.0	0.0	0.0	9.5	0.0	–	–	0.0	–	0.0	–	–	–
93.0	40.0	0.0	0.0	0.0	–	–	–	11.1	–	–	–	–	–
93.0	60.0	0.0	0.0	0.0	–	–	–	11.1	–	–	–	–	–
93.0	80.0	0.0	0.0	0.0	–	–	–	4.3	–	–	–	–	–
100.0	30.0	0.0	0.0	0.0	–	19.7	–	0.0	–	–	0.0	–	–
100.0	40.0	0.0	0.0	0.0	–	3.3	–	0.0	–	–	0.0	–	–
110.0	35.0	–	0.0	0.0	–	21.0	–	0.0	–	–	0.0	–	–
110.0	45.0	0.0	0.0	0.0	–	0.0	–	12.0	–	–	0.0	–	–
117.0	60.0	0.0	0.0	0.0	–	–	–	23.4	–	–	–	–	–
118.0	39.0	–	0.0	0.0	–	–	–	12.6	–	–	–	–	–
120.0	24.0	0.0	0.0	0.0	–	0.0	–	9.4	–	–	2.4	–	–
120.0	30.0	0.0	0.0	0.0	–	0.0	–	18.5	–	–	0.0	–	–
120.0	60.0	0.0	0.0	0.0	–	0.0	–	2.9	–	–	0.0	–	–
120.0	70.0	0.0	0.0	0.0	–	0.0	–	2.9	–	–	0.0	–	–

Pomacentridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	40.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	2.9	–	–
150.0	25.0	–	0.0	–	–	–	10.4	–	–	–	–	0.0	–

Chromis punctipinnis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	37.0	0.0	0.0	0.0	0.0	–	–	0.0	–	5.8	–	–	–
93.0	55.0	–	0.0	0.0	–	–	–	25.4	–	–	–	–	–

Mugil spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	35.0	3.5	0.0	0.0	–	–	–	0.0	–	–	–	–	–
157.0	10.0	–	0.0	–	–	–	2.9	–	–	–	–	0.0	–

Howella brodiei

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	90.0	0.0	0.0	0.0	–	3.2	–	0.0	–	–	0.0	–	–
100.0	100.0	–	–	–	–	0.0	–	–	–	–	2.9	–	–

TABLE 4. (cont.)

Brama spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 120.0	–	–	–	0.0	–	–	–	–	3.2	–	–	–
90.0 140.0	–	–	–	0.0	–	–	–	–	3.2	–	–	–
100.0 80.0	0.0	0.0	0.0	–	0.0	–	3.0	–	–	0.0	–	–
130.0 35.0	0.0	0.0	3.3	–	0.0	–	0.0	–	–	0.0	–	–
130.0 40.0	0.0	3.2	0.0	–	0.0	–	0.0	–	–	0.0	–	–
133.0 30.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
140.0 120.0	–	–	–	–	0.0	–	–	–	–	–	2.8	–

Carangidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
133.0 23.0	0.0	0.0	0.0	–	–	–	5.8	–	–	–	–	–
150.0 25.0	–	0.0	–	–	–	24.3	–	–	–	–	0.0	–
150.0 30.0	–	0.0	–	–	–	6.7	–	–	–	–	0.0	–
150.0 35.0	–	0.0	–	–	–	3.3	–	–	–	–	0.0	–

Seriola lalandi

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0 40.0	0.0	0.0	0.0	–	–	–	21.4	–	–	–	–	–

Trachurus symmetricus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
43.0 60.0	–	0.0	–	–	–	–	63.4	–	–	–	–	–
60.0 90.0	–	–	0.0	0.0	–	–	11.8	–	–	–	0.0	–
67.0 80.0	–	–	0.0	–	–	–	25.9	–	–	–	–	–
77.0 48.0	0.0	0.0	0.0	–	–	–	2.5	–	–	–	–	–
83.0 90.0	0.0	0.0	0.0	–	–	–	2.9	–	–	–	–	–
87.0 55.0	0.0	0.0	3.4	–	–	–	0.0	–	–	–	–	–
87.0 60.0	0.0	0.0	13.2	–	–	–	0.0	–	–	–	–	–
87.0 70.0	–	0.0	32.3	–	–	–	0.0	–	–	–	–	–
87.0 80.0	0.0	0.0	0.0	–	–	–	2.7	–	–	–	–	–
87.0 90.0	–	0.0	160.7	–	–	–	0.0	–	–	–	–	–
90.0 32.0	0.0	0.0	0.0	0.0	–	–	0.0	–	3.3	–	–	–
90.0 53.0	0.0	0.0	0.0	0.0	–	–	0.0	–	3.1	–	–	–
90.0 70.0	0.0	0.0	0.0	0.0	–	–	3.5	–	3.0	–	–	–
90.0 80.0	0.0	0.0	0.0	30.2	–	–	2.9	–	46.9	–	–	–
90.0 90.0	0.0	0.0	81.9	0.0	–	–	16.2	–	0.0	–	–	–
90.0 100.0	–	–	–	100.5	–	–	–	–	8.8	–	–	–
90.0 120.0	–	–	–	132.8	–	–	–	–	22.5	–	–	–
90.0 140.0	–	–	–	169.6	–	–	–	–	0.0	–	–	–
93.0 28.0	0.0	0.0	0.0	–	–	–	11.7	–	–	–	–	–

TABLE 4. (cont.)

Trachurus symmetricus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	30.0	0.0	0.0	0.0	–	–	–	11.8	–	–	–	–	–
93.0	50.0	–	0.0	0.0	–	–	–	11.0	–	–	–	–	–
93.0	55.0	–	0.0	0.0	–	–	–	12.7	–	–	–	–	–
93.0	60.0	0.0	0.0	9.3	–	–	–	0.0	–	–	–	–	–
93.0	70.0	0.0	0.0	62.4	–	–	–	0.0	–	–	–	–	–
93.0	80.0	0.0	0.0	42.3	–	–	–	12.8	–	–	–	–	–
93.0	90.0	0.0	0.0	3.4	–	–	–	20.3	–	–	–	–	–
93.0	100.0	–	0.0	–	–	–	–	2.9	–	–	–	–	–
97.0	32.0	0.0	0.0	0.0	–	–	–	35.2	–	–	–	–	–
97.0	35.0	0.0	0.0	0.0	–	–	–	11.0	–	–	–	–	–
97.0	40.0	0.0	0.0	0.0	–	–	–	10.5	–	–	–	–	–
97.0	50.0	0.0	0.0	0.0	–	–	–	11.8	–	–	–	–	–
97.0	55.0	0.0	0.0	99.8	–	–	–	0.0	–	–	–	–	–
97.0	60.0	0.0	0.0	2.8	–	–	–	0.0	–	–	–	–	–
97.0	80.0	0.0	0.0	5.5	–	–	–	10.6	–	–	–	–	–
97.0	90.0	0.0	0.0	6.6	–	–	–	13.6	–	–	–	–	–
100.0	30.0	0.0	0.0	0.0	–	3.3	–	0.0	–	–	0.0	–	–
100.0	35.0	0.0	0.0	0.0	–	31.3	–	0.0	–	–	0.0	–	–
100.0	40.0	0.0	0.0	0.0	–	19.7	–	0.0	–	–	0.0	–	–
100.0	50.0	0.0	0.0	0.0	–	251.9	–	0.0	–	–	0.0	–	–
100.0	60.0	0.0	0.0	65.7	–	269.7	–	34.2	–	–	0.0	–	–
100.0	70.0	0.0	0.0	12.8	–	9.1	–	2.9	–	–	0.0	–	–
100.0	80.0	0.0	0.0	6.1	–	50.0	–	15.1	–	–	0.0	–	–
100.0	90.0	0.0	0.0	111.3	–	204.8	–	2.8	–	–	6.1	–	–
100.0	100.0	–	–	–	–	66.9	–	–	–	–	0.0	–	–
100.0	120.0	–	–	–	–	12.3	–	–	–	–	0.0	–	–
100.0	140.0	–	–	–	–	112.5	–	–	–	–	0.0	–	–
103.0	45.0	0.0	0.0	0.0	–	–	–	10.8	–	–	–	–	–
103.0	50.0	0.0	0.0	0.0	–	–	–	11.5	–	–	–	–	–
103.0	60.0	0.0	0.0	41.4	–	–	–	11.2	–	–	–	–	–
103.0	70.0	0.0	0.0	96.3	–	–	–	0.0	–	–	–	–	–
103.0	80.0	0.0	3.0	70.8	–	–	–	8.7	–	–	–	–	–
107.0	31.0	0.0	0.0	0.0	–	–	–	26.9	–	–	–	–	–
107.0	40.0	0.0	0.0	10.5	–	–	–	0.0	–	–	–	–	–
107.0	50.0	0.0	0.0	23.4	–	–	–	10.8	–	–	–	–	–
107.0	60.0	0.0	0.0	19.4	–	–	–	23.0	–	–	–	–	–
107.0	70.0	0.0	0.0	9.9	–	–	–	2.7	–	–	–	–	–
107.0	80.0	0.0	3.0	24.4	–	–	–	8.6	–	–	–	–	–
110.0	32.0	0.0	0.0	2.3	–	0.0	–	0.0	–	–	0.0	–	–
110.0	40.0	0.0	0.0	20.6	–	22.9	–	0.0	–	–	0.0	–	–
110.0	45.0	0.0	0.0	38.5	–	94.1	–	0.0	–	–	0.0	–	–
110.0	50.0	0.0	0.0	142.6	–	48.0	–	0.0	–	–	0.0	–	–
110.0	55.0	0.0	0.0	103.2	–	6.3	–	0.0	–	–	0.0	–	–
110.0	60.0	0.0	0.0	13.5	–	13.3	–	2.8	–	–	0.0	–	–
110.0	70.0	0.0	0.0	58.1	–	3.0	–	0.0	–	–	0.0	–	–
110.0	80.0	0.0	0.0	123.1	–	0.0	–	0.0	–	–	0.0	–	–

TABLE 4. (cont.)

Trachurus symmetricus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	45.0	0.0	0.0	0.0	–	–	–	29.0	–	–	–	–	–
113.0	50.0	0.0	0.0	0.0	–	–	–	65.8	–	–	–	–	–
113.0	60.0	0.0	0.0	15.9	–	–	–	86.7	–	–	–	–	–
113.0	70.0	0.0	0.0	43.2	–	–	–	0.0	–	–	–	–	–
113.0	80.0	0.0	0.0	12.8	–	–	–	0.0	–	–	–	–	–
117.0	45.0	0.0	0.0	0.0	–	–	–	22.6	–	–	–	–	–
117.0	50.0	0.0	0.0	0.0	–	–	–	60.0	–	–	–	–	–
117.0	70.0	0.0	0.0	6.8	–	–	–	2.8	–	–	–	–	–
117.0	80.0	0.0	0.0	73.7	–	–	–	24.2	–	–	–	–	–
120.0	30.0	0.0	0.0	0.0	–	2.6	–	0.0	–	–	0.0	–	–
120.0	40.0	0.0	0.0	2.1	–	0.0	–	4.6	–	–	0.0	–	–
120.0	80.0	0.0	0.0	6.7	–	2.8	–	0.0	–	–	0.0	–	–

Coryphaena hippurus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	30.0	–	0.0	–	–	–	6.7	–	–	–	–	0.0	–
150.0	100.0	–	–	–	–	–	0.0	–	–	–	–	2.9	–
157.0	15.0	–	0.0	–	–	–	3.0	–	–	–	–	3.0	–
157.0	35.0	–	0.0	–	–	–	0.0	–	–	–	–	3.3	–
157.0	45.0	–	0.0	–	–	–	0.0	–	–	–	–	2.9	–

Gerreidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	30.0	–	0.0	–	–	–	3.4	–	–	–	–	0.0	–

Haemulidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	24.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	2.4	–	–

Medialuna californiensis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	80.0	0.0	0.0	0.0	0.0	–	–	2.9	–	0.0	–	–	–
93.0	90.0	0.0	0.0	0.0	–	–	–	3.4	–	–	–	–	–

TABLE 4. (cont.)

Caulolatilus princeps

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
140.0	35.0	-	0.0	-	-	-	0.0	-	-	-	-	3.0	-

Sciaenidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	-	3.2	5.3	0.0	-	-	0.0	-	-	-	0.0	-
60.0	52.0	-	0.0	16.6	0.0	-	-	0.0	-	-	-	25.5	-
63.0	50.0	-	199.2	41.3	-	-	-	0.0	-	-	-	-	-
63.0	52.0	-	14.9	0.0	-	-	-	0.0	-	-	-	-	-
67.0	48.0	-	0.0	76.7	-	-	-	0.0	-	-	-	-	-
67.0	50.0	2.8	3.3	0.0	-	-	-	0.0	-	-	-	-	-
67.0	60.0	0.0	2.9	0.0	-	-	-	0.0	-	-	-	-	-
70.0	55.0	-	-	12.6	-	-	-	-	-	-	-	-	-
73.0	65.0	0.0	0.0	1.5	-	-	-	-	-	-	-	-	-
77.0	48.0	0.0	1.2	0.0	-	-	-	0.0	-	-	-	-	-
77.0	51.0	3.1	0.0	0.0	-	-	-	0.0	-	-	-	-	-
80.0	51.0	0.0	0.0	5.2	0.0	-	-	0.0	-	-	0.0	-	-
80.0	52.0	0.0	0.0	0.0	12.4	-	-	0.0	-	-	0.0	-	-
80.0	55.0	0.0	0.0	3.0	0.0	-	-	0.0	-	-	-	0.0	-
82.0	47.0	0.0	28.6	15.8	-	-	-	0.0	-	-	-	-	-
83.0	40.0	0.0	1.7	21.7	-	-	-	0.0	-	-	-	-	-
83.0	43.0	0.0	9.8	-	-	-	-	0.0	-	-	-	-	-
87.0	33.0	24.9	40.9	8.4	-	-	-	35.8	-	-	-	-	-
87.0	40.0	0.0	0.0	-	-	-	-	12.6	-	-	-	-	-
90.0	28.0	0.0	0.0	3.5	17.5	-	-	0.0	-	0.0	-	-	-
90.0	32.0	0.0	0.0	3.2	0.0	-	-	0.0	-	0.0	-	-	-
93.0	27.0	0.0	13.7	0.0	-	-	-	0.0	-	-	-	-	-
93.0	28.0	0.0	9.4	0.0	-	-	-	0.0	-	-	-	-	-
93.0	35.0	5.9	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	29.0	5.6	31.4	0.0	-	-	-	-	-	-	-	-	-
97.0	30.0	0.0	6.7	0.0	-	-	-	-	-	-	-	-	-
100.0	29.0	16.7	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
100.0	30.0	3.0	3.2	0.0	-	3.3	-	0.0	-	-	0.0	-	-
103.0	29.0	8.5	1.6	5.5	-	-	-	-	-	-	-	-	-
103.0	30.0	0.0	0.0	6.5	-	-	-	-	-	-	-	-	-
107.0	31.0	2.6	0.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	32.0	9.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	35.0	0.0	0.0	0.0	-	-	-	11.2	-	-	-	-	-
110.0	32.0	13.2	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
120.0	24.0	5.7	2.5	0.0	-	0.0	-	46.8	-	-	0.0	-	-
120.0	25.0	13.9	8.6	0.0	-	0.0	-	0.0	-	-	0.0	-	-
120.0	30.0	0.0	5.8	0.0	-	0.0	-	0.0	-	-	0.0	-	-
120.0	40.0	7.2	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
123.0	36.0	0.0	5.7	0.0	-	-	-	0.0	-	-	-	-	-
127.0	34.0	3.1	0.0	0.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Sciaenidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	28.0	0.0	0.0	0.0	–	0.0	–	9.7	–	–	0.0	–	–
133.0	23.0	0.0	0.0	0.0	–	–	–	8.6	–	–	–	–	–
140.0	35.0	–	0.0	–	–	–	0.0	–	–	–	–	6.0	–
150.0	30.0	–	0.0	–	–	–	6.7	–	–	–	–	0.0	–

Serranidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	28.0	0.0	0.0	0.0	0.0	–	–	0.0	–	3.4	–	–	–
90.0	32.0	0.0	0.0	0.0	0.0	–	–	11.3	–	0.0	–	–	–
117.0	30.0	0.0	0.0	0.0	–	–	–	22.7	–	–	–	–	–
117.0	60.0	0.0	0.0	0.0	–	–	–	23.4	–	–	–	–	–
120.0	40.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	9.7	–	–
120.0	45.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	9.0	–	–
130.0	28.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	7.7	–	–
130.0	30.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	4.7	–	–
130.0	35.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	6.1	–	–
130.0	50.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	11.5	–	–
133.0	23.0	0.0	0.0	0.0	–	–	–	14.4	–	–	–	–	–
140.0	30.0	–	0.0	–	–	–	0.0	–	–	–	–	2.9	–
140.0	35.0	–	0.0	–	–	–	0.0	–	–	–	–	3.0	–
140.0	70.0	–	–	–	–	–	0.0	–	–	–	–	2.9	–
150.0	25.0	–	0.0	–	–	–	236.0	–	–	–	–	30.9	–
150.0	30.0	–	0.0	–	–	–	13.5	–	–	–	–	0.0	–
157.0	10.0	–	3.2	–	–	–	0.0	–	–	–	–	3.0	–
157.0	15.0	–	0.0	–	–	–	0.0	–	–	–	–	3.0	–
157.0	45.0	–	0.0	–	–	–	6.7	–	–	–	–	0.0	–

Gempylidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
140.0	70.0	–	–	–	–	–	0.0	–	–	–	–	2.9	–
140.0	120.0	–	–	–	–	0.0	–	–	–	–	–	2.8	–
150.0	45.0	–	0.0	–	–	–	0.0	–	–	–	–	6.1	–
150.0	70.0	–	–	–	–	–	0.0	–	–	–	–	5.7	–
150.0	110.0	–	–	–	–	–	8.4	–	–	–	–	0.0	–
153.0	30.0	–	6.9	–	–	–	–	–	–	–	–	–	–
153.0	35.0	–	3.2	–	–	–	–	–	–	–	–	–	–
153.0	40.0	–	3.3	–	–	–	–	–	–	–	–	–	–
153.0	45.0	–	3.2	–	–	–	–	–	–	–	–	–	–
157.0	15.0	–	0.0	–	–	–	0.0	–	–	–	–	3.0	–
157.0	30.0	–	0.0	–	–	–	0.0	–	–	–	–	3.2	–
157.0	35.0	–	0.0	–	–	–	0.0	–	–	–	–	13.0	–
157.0	45.0	–	0.0	–	–	–	0.0	–	–	–	–	5.8	–

TABLE 4. (cont.)

Gempylidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
157.0	50.0	-	0.0	-	-	-	3.2	-	-	-	-	0.0	-
157.0	55.0	-	0.0	-	-	-	0.0	-	-	-	-	3.0	-

Auxis spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	25.0	-	0.0	-	-	-	24.3	-	-	-	-	0.0	-
150.0	30.0	-	0.0	-	-	-	33.7	-	-	-	-	0.0	-
157.0	10.0	-	0.0	-	-	-	90.5	-	-	-	-	0.0	-
157.0	15.0	-	0.0	-	-	-	0.0	-	-	-	-	3.0	-

Sarda chiliensis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	35.0	0.0	0.0	0.0	-	-	-	25.4	-	-	-	-	-
117.0	60.0	0.0	0.0	0.0	-	-	-	35.2	-	-	-	-	-
137.0	40.0	0.0	0.0	32.0	-	-	-	0.0	-	-	-	-	-
140.0	40.0	-	6.8	-	-	-	0.0	-	-	-	-	0.0	-

Scomber japonicus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	30.0	0.0	0.0	0.0	-	-	-	11.8	-	-	-	-	-
97.0	40.0	0.0	0.0	0.0	-	-	-	21.0	-	-	-	-	-
120.0	40.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	2.4	-	-

Thunnus albacares

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
157.0	25.0	-	0.0	-	-	-	0.0	-	-	-	-	3.0	-
157.0	40.0	-	0.0	-	-	-	0.0	-	-	-	-	3.1	-

Lepidopus xantusi

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	29.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	3.0	-	-
110.0	45.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	67.0	-	-
110.0	50.0	0.0	0.0	0.0	-	0.0	-	12.1	-	-	49.6	-	-
110.0	55.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	70.2	-	-
123.0	42.0	0.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
123.0	60.0	0.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-

TABLE 4. (cont.)

Icichthys lockingtoni

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	60.0	–	0.0	–	–	3.6	–	–	–	–	0.0	–	–
40.0	70.0	–	–	–	–	0.0	–	–	–	–	11.8	–	–
40.0	80.0	–	–	–	–	3.5	–	–	–	–	6.0	–	–
40.0	90.0	–	–	–	–	4.1	–	–	–	–	3.2	–	–
43.0	65.0	–	23.4	–	–	–	–	0.0	–	–	–	–	–
47.0	65.0	–	11.0	–	–	–	–	0.0	–	–	–	–	–
50.0	50.0	–	0.0	–	–	0.0	–	0.0	–	–	–	3.0	–
50.0	55.0	–	0.0	–	–	0.0	–	0.0	–	–	–	5.4	–
53.0	60.0	–	–	14.8	–	–	–	0.0	–	–	–	–	–
57.0	80.0	–	–	12.7	–	–	–	0.0	–	–	–	–	–
57.0	90.0	–	–	–	–	–	–	2.9	–	–	–	–	–
60.0	50.0	–	3.2	0.0	0.0	–	–	0.0	–	–	–	0.0	–
60.0	55.0	–	0.0	0.0	0.0	–	–	0.0	–	–	–	2.5	–
60.0	60.0	–	0.0	5.4	0.0	–	–	12.5	–	–	–	0.0	–
60.0	65.0	–	9.3	0.0	0.0	–	–	0.0	–	–	–	0.0	–
60.0	70.0	–	0.0	0.0	0.0	–	–	0.0	–	–	–	3.3	–
60.0	80.0	–	–	3.2	2.6	–	–	0.0	–	–	–	0.0	–
60.0	90.0	–	–	0.0	0.0	–	–	23.6	–	–	–	0.0	–
63.0	55.0	0.0	3.4	0.0	–	–	–	0.0	–	–	–	–	–
63.0	60.0	3.0	6.5	1.5	–	–	–	0.0	–	–	–	–	–
63.0	65.0	–	0.0	0.0	–	–	–	25.0	–	–	–	–	–
63.0	80.0	–	–	9.2	–	–	–	0.0	–	–	–	–	–
67.0	50.0	0.0	6.6	0.0	–	–	–	12.1	–	–	–	–	–
67.0	55.0	0.0	2.9	3.7	–	–	–	0.0	–	–	–	–	–
67.0	60.0	3.0	0.0	9.0	–	–	–	0.0	–	–	–	–	–
67.0	65.0	–	9.2	7.0	–	–	–	0.0	–	–	–	–	–
67.0	70.0	–	0.0	1.6	–	–	–	0.0	–	–	–	–	–
67.0	80.0	–	–	0.0	–	–	–	13.0	–	–	–	–	–
70.0	53.0	0.0	8.8	0.0	6.2	–	–	0.0	–	–	–	0.0	–
70.0	60.0	6.3	14.6	6.3	0.0	–	–	0.0	–	–	–	2.9	–
70.0	65.0	–	3.4	3.0	0.0	–	–	12.2	–	–	–	8.2	–
70.0	70.0	0.0	0.0	6.4	0.0	–	–	0.0	–	–	–	0.0	–
70.0	80.0	3.5	6.9	3.3	3.9	–	–	0.0	–	–	–	0.0	–
73.0	50.0	–	0.0	0.0	–	–	–	14.2	–	–	–	–	–
73.0	53.0	3.1	0.0	1.6	–	–	–	0.0	–	–	–	–	–
73.0	60.0	7.0	12.3	0.0	–	–	–	0.0	–	–	–	–	–
73.0	65.0	7.1	6.4	9.1	–	–	–	–	–	–	–	–	–
73.0	70.0	6.8	0.0	7.0	–	–	–	–	–	–	–	–	–
73.0	80.0	3.9	0.0	19.7	–	–	–	–	–	–	–	–	–
73.0	90.0	0.0	3.2	0.0	–	–	–	–	–	–	–	–	–
77.0	55.0	0.0	8.3	20.6	–	–	–	0.0	–	–	–	–	–
77.0	60.0	6.8	3.3	14.6	–	–	–	23.8	–	–	–	–	–
77.0	65.0	16.5	0.0	18.1	–	–	–	12.9	–	–	–	–	–
77.0	70.0	20.0	4.5	87.6	–	–	–	0.0	–	–	–	–	–
77.0	80.0	0.0	0.0	16.5	–	–	–	–	–	–	–	–	–
77.0	90.0	3.5	–	1.5	–	–	–	–	–	–	–	–	–

TABLE 4. (cont.)

Icichthys lockingtoni (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	55.0	0.0	0.0	6.1	0.0	–	–	0.0	–	–	–	0.0	–
80.0	60.0	11.3	0.0	28.4	0.0	–	–	0.0	–	–	–	0.0	–
80.0	70.0	3.8	9.5	12.3	0.0	–	–	0.0	–	–	–	0.0	–
80.0	80.0	6.6	0.0	0.0	0.0	–	–	3.2	–	–	–	0.0	–
80.0	90.0	7.1	0.0	24.5	6.7	–	–	0.0	–	–	–	0.0	–
82.0	47.0	4.3	0.0	0.0	–	–	–	0.0	–	–	–	–	–
83.0	55.0	0.0	0.0	20.7	–	–	–	0.0	–	–	–	–	–
83.0	70.0	4.5	0.0	3.1	–	–	–	0.0	–	–	–	–	–
83.0	80.0	11.1	21.8	5.9	–	–	–	0.0	–	–	–	–	–
83.0	90.0	3.4	3.2	0.0	–	–	–	0.0	–	–	–	–	–
87.0	50.0	0.0	0.0	9.5	–	–	–	–	–	–	–	–	–
87.0	55.0	8.2	3.2	17.0	–	–	–	0.0	–	–	–	–	–
87.0	60.0	0.0	5.4	0.0	–	–	–	0.0	–	–	–	–	–
87.0	80.0	0.0	2.6	3.1	–	–	–	0.0	–	–	–	–	–
90.0	53.0	2.5	0.0	0.0	0.0	–	–	0.0	–	0.0	–	–	–
90.0	60.0	0.0	3.2	0.0	6.0	–	–	0.0	–	–	–	–	–
90.0	70.0	0.0	3.4	0.0	3.0	–	–	0.0	–	0.0	–	–	–
90.0	80.0	0.0	0.0	9.0	0.0	–	–	0.0	–	0.0	–	–	–
90.0	90.0	0.0	3.3	0.0	0.0	–	–	0.0	–	0.0	–	–	–
93.0	55.0	–	3.2	0.0	–	–	–	0.0	–	–	–	–	–
93.0	60.0	2.6	0.0	6.2	–	–	–	0.0	–	–	–	–	–
93.0	70.0	0.0	0.0	0.0	–	–	–	2.8	–	–	–	–	–
93.0	90.0	0.0	3.2	0.0	–	–	–	0.0	–	–	–	–	–
97.0	35.0	0.0	0.0	3.9	–	–	–	0.0	–	–	–	–	–
97.0	55.0	10.0	2.9	0.0	–	–	–	0.0	–	–	–	–	–
97.0	60.0	0.0	0.0	2.8	–	–	–	0.0	–	–	–	–	–
97.0	80.0	0.0	9.0	0.0	–	–	–	0.0	–	–	–	–	–
97.0	90.0	0.0	0.0	13.2	–	–	–	0.0	–	–	–	–	–
100.0	29.0	0.0	2.9	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	40.0	7.6	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	60.0	3.4	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	70.0	0.0	0.0	3.2	–	0.0	–	0.0	–	–	0.0	–	–
100.0	80.0	0.0	0.0	9.1	–	0.0	–	0.0	–	–	0.0	–	–
103.0	50.0	12.8	0.0	0.0	–	–	–	0.0	–	–	–	–	–

Cubiceps pauciradiatus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	25.0	–	0.0	–	–	–	0.0	–	–	–	–	3.1	–
150.0	40.0	–	0.0	–	–	–	0.0	–	–	–	–	3.0	–
150.0	100.0	–	–	–	–	–	0.0	–	–	–	–	2.9	–
157.0	10.0	–	0.0	–	–	–	0.0	–	–	–	–	14.9	–
157.0	15.0	–	0.0	–	–	–	0.0	–	–	–	–	6.1	–
157.0	20.0	–	0.0	–	–	–	0.0	–	–	–	–	18.5	–
157.0	25.0	–	0.0	–	–	–	0.0	–	–	–	–	5.9	–

TABLE 4. (cont.)

Cubiceps pauciradiatus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
157.0	30.0	–	0.0	–	–	–	0.0	–	–	–	–	3.2	–
157.0	35.0	–	0.0	–	–	–	0.0	–	–	–	–	3.3	–
157.0	45.0	–	0.0	–	–	–	0.0	–	–	–	–	5.8	–
157.0	50.0	–	0.0	–	–	–	0.0	–	–	–	–	3.1	–
157.0	55.0	–	0.0	–	–	–	0.0	–	–	–	–	6.0	–

Psenes pellucidus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	100.0	–	–	–	0.0	–	–	–	–	2.9	–	–	–
90.0	120.0	–	–	–	0.0	–	–	–	–	6.4	–	–	–
100.0	90.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	6.1	–	–
157.0	10.0	–	12.8	–	–	–	0.0	–	–	–	–	0.0	–
157.0	15.0	–	9.5	–	–	–	0.0	–	–	–	–	0.0	–

Psenes sio

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	90.0	–	–	–	–	2.9	–	–	–	–	0.0	–	–
157.0	15.0	–	0.0	–	–	–	0.0	–	–	–	–	3.0	–
157.0	20.0	–	0.0	–	–	–	0.0	–	–	–	–	6.2	–
157.0	25.0	–	0.0	–	–	–	0.0	–	–	–	–	8.9	–
157.0	50.0	–	0.0	–	–	–	0.0	–	–	–	–	3.1	–

Peprilus simillimus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	55.0	0.0	0.0	0.0	0.0	–	–	0.0	–	–	–	5.6	–
87.0	33.0	0.0	0.0	0.0	–	–	–	21.5	–	–	–	–	–
107.0	31.0	0.0	1.8	0.0	–	–	–	0.0	–	–	–	–	–
110.0	32.0	0.0	0.0	0.0	–	0.0	–	41.3	–	–	0.0	–	–
117.0	25.0	5.4	0.0	0.0	–	–	–	0.0	–	–	–	–	–
118.0	39.0	–	0.0	0.0	–	–	–	12.6	–	–	–	–	–
119.0	33.0	0.0	0.0	0.0	–	–	–	11.8	–	–	–	–	–
120.0	24.0	0.0	0.0	0.0	–	0.0	–	18.7	–	–	0.0	–	–
120.0	50.0	0.0	0.0	0.0	–	0.0	–	12.0	–	–	0.0	–	–
130.0	30.0	3.0	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
133.0	23.0	0.0	0.0	0.0	–	–	–	2.9	–	–	–	–	–

TABLE 4. (cont.)

Tetragonurus cuvieri

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0 180.0	–	–	–	–	–	–	–	–	–	–	5.9	–
70.0 53.0	0.0	0.0	0.0	0.0	–	–	0.0	–	–	–	2.7	–
90.0 80.0	0.0	0.0	0.0	0.0	–	–	0.0	–	3.3	–	–	–
90.0 90.0	0.0	0.0	0.0	0.0	–	–	0.0	–	3.2	–	–	–
90.0 100.0	–	–	–	0.0	–	–	–	–	2.9	–	–	–
90.0 120.0	–	–	–	0.0	–	–	–	–	6.4	–	–	–
93.0 100.0	–	0.0	–	–	–	–	2.9	–	–	–	–	–
100.0 50.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	14.7	–	–
100.0 90.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	9.1	–	–
100.0 100.0	–	–	–	–	0.0	–	–	–	–	2.9	–	–
100.0 120.0	–	–	–	–	0.0	–	–	–	–	3.0	–	–
110.0 50.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.3	–	–
120.0 70.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–

Chiasmodontidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0 70.0	–	0.0	3.2	–	–	–	0.0	–	–	–	–	–
90.0 90.0	0.0	0.0	3.2	0.0	–	–	0.0	–	0.0	–	–	–
100.0 60.0	0.0	0.0	3.1	–	0.0	–	0.0	–	–	0.0	–	–
100.0 90.0	0.0	0.0	0.0	–	0.0	–	2.8	–	–	0.0	–	–
103.0 80.0	0.0	0.0	0.0	–	–	–	2.9	–	–	–	–	–
107.0 70.0	0.0	0.0	0.0	–	–	–	5.4	–	–	–	–	–
110.0 80.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	6.3	–	–
117.0 40.0	0.0	0.0	0.0	–	–	–	12.2	–	–	–	–	–
120.0 45.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	9.0	–	–
120.0 70.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–
123.0 60.0	0.0	0.0	0.0	–	–	–	2.8	–	–	–	–	–
130.0 60.0	0.0	3.3	0.0	–	0.0	–	0.0	–	–	0.0	–	–
140.0 120.0	–	–	–	–	0.0	–	–	–	–	–	2.8	–
150.0 110.0	–	–	–	–	–	5.6	–	–	–	–	0.0	–
157.0 15.0	–	3.2	–	–	–	0.0	–	–	–	–	0.0	–

Uranoscopidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
140.0 80.0	–	–	–	–	–	3.0	–	–	–	–	0.0	–

Pleuronectiformes

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0 50.0	–	14.6	–	–	0.0	–	–	–	–	0.0	–	–
43.0 50.0	–	12.7	–	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Pleuronectiformes (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	55.0	5.7	0.0	0.0	–	–	–	0.0	–	–	–	–	–
63.0	60.0	3.0	0.0	0.0	–	–	–	0.0	–	–	–	–	–
67.0	55.0	2.6	0.0	0.0	–	–	–	0.0	–	–	–	–	–
70.0	51.0	3.1	0.0	–	0.0	–	–	0.0	–	–	–	0.0	–
83.0	40.0	0.0	0.0	2.4	–	–	–	0.0	–	–	–	–	–
90.0	28.0	0.0	0.0	3.5	0.0	–	–	0.0	–	0.0	–	–	–

Bothidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	25.0	–	0.0	–	–	–	0.0	–	–	–	–	3.1	–

Bothus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	80.0	0.0	3.2	0.0	–	0.0	–	0.0	–	–	0.0	–	–
140.0	30.0	–	0.0	–	–	–	0.0	–	–	–	–	2.9	–
140.0	50.0	–	0.0	–	–	–	0.0	–	–	–	–	2.9	–
143.0	40.0	–	3.2	–	–	–	–	–	–	–	–	–	–
150.0	30.0	–	0.0	–	–	–	3.4	–	–	–	–	0.0	–
157.0	15.0	–	0.0	–	–	–	0.0	–	–	–	–	3.0	–
157.0	35.0	–	0.0	–	–	–	0.0	–	–	–	–	3.3	–
157.0	50.0	–	0.0	–	–	–	0.0	–	–	–	–	3.1	–

Citharichthys spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	40.0	–	0.0	–	–	0.0	–	–	–	–	3.3	–	–
40.0	45.0	–	0.0	–	–	0.0	–	–	–	–	3.4	–	–
40.0	55.0	–	0.0	–	–	0.0	–	–	–	–	2.4	–	–
40.0	60.0	–	0.0	–	–	0.0	–	–	–	–	2.9	–	–
40.0	65.0	–	0.0	–	–	0.0	–	–	–	–	10.7	–	–
40.0	70.0	–	–	–	–	0.0	–	–	–	–	5.9	–	–
40.0	90.0	–	–	–	–	0.0	–	–	–	–	3.2	–	–
50.0	47.0	–	0.0	–	–	0.0	–	0.0	–	–	–	5.9	–
50.0	55.0	–	0.0	–	–	0.0	–	0.0	–	–	–	62.1	–
50.0	60.0	–	0.0	–	–	0.0	–	0.0	–	–	–	41.3	–
50.0	65.0	–	0.0	–	–	0.0	–	14.2	–	–	–	0.0	–
50.0	70.0	–	0.0	–	–	0.0	–	0.0	–	–	–	3.2	–
53.0	80.0	–	–	11.6	–	–	–	0.0	–	–	–	–	–
60.0	55.0	–	0.0	0.0	0.0	–	–	0.0	–	–	–	4.9	–
60.0	60.0	–	0.0	1.8	0.0	–	–	0.0	–	–	–	3.2	–
60.0	65.0	–	0.0	0.0	0.0	–	–	0.0	–	–	–	14.8	–

TABLE 4. (cont.)

Citharichthys spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	70.0	-	0.0	0.0	0.0	-	-	0.0	-	-	-	10.0	-
60.0	90.0	-	-	0.0	0.0	-	-	0.0	-	-	-	2.8	-
63.0	52.0	-	0.0	0.0	-	-	-	58.8	-	-	-	-	-
63.0	55.0	0.0	0.0	0.0	-	-	-	14.1	-	-	-	-	-
63.0	60.0	3.0	0.0	0.0	-	-	-	25.4	-	-	-	-	-
63.0	65.0	-	0.0	0.0	-	-	-	125.2	-	-	-	-	-
63.0	70.0	-	3.2	0.0	-	-	-	0.0	-	-	-	-	-
67.0	48.0	-	0.0	0.0	-	-	-	18.0	-	-	-	-	-
67.0	50.0	2.8	0.0	0.0	-	-	-	0.0	-	-	-	-	-
67.0	55.0	0.0	2.9	1.8	-	-	-	0.0	-	-	-	-	-
67.0	65.0	-	3.1	0.0	-	-	-	0.0	-	-	-	-	-
67.0	70.0	-	0.0	1.6	-	-	-	0.0	-	-	-	-	-
70.0	51.0	0.0	3.0	-	0.0	-	-	0.0	-	-	-	2.7	-
70.0	53.0	0.0	0.0	0.0	0.0	-	-	0.0	-	-	-	2.7	-
70.0	60.0	0.0	3.7	1.6	0.0	-	-	0.0	-	-	-	2.9	-
70.0	65.0	-	3.4	1.5	0.0	-	-	0.0	-	-	-	10.9	-
70.0	70.0	0.0	3.9	1.6	0.0	-	-	0.0	-	-	-	0.0	-
70.0	80.0	3.5	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	90.0	0.0	0.0	0.0	0.0	-	-	0.0	-	-	-	2.8	-
73.0	53.0	0.0	3.7	0.0	-	-	-	0.0	-	-	-	-	-
73.0	65.0	3.5	0.0	6.2	-	-	-	-	-	-	-	-	-
73.0	70.0	0.0	4.1	0.0	-	-	-	-	-	-	-	-	-
77.0	51.0	0.0	0.0	12.7	-	-	-	0.0	-	-	-	-	-
77.0	60.0	0.0	3.3	6.4	-	-	-	0.0	-	-	-	-	-
77.0	70.0	3.3	0.0	12.3	-	-	-	0.0	-	-	-	-	-
77.0	80.0	11.1	0.0	0.0	-	-	-	-	-	-	-	-	-
77.0	90.0	7.0	-	0.0	-	-	-	-	-	-	-	-	-
80.0	51.0	0.0	3.1	2.6	0.0	-	-	0.0	-	-	0.0	-	-
80.0	52.0	7.4	0.0	3.3	15.4	-	-	0.0	-	-	0.0	-	-
80.0	55.0	5.3	0.0	0.0	0.0	-	-	0.0	-	-	-	2.8	-
80.0	60.0	3.8	0.0	6.3	0.0	-	-	0.0	-	-	-	0.0	-
80.0	70.0	11.3	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
80.0	80.0	3.3	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
80.0	90.0	3.5	4.1	0.0	0.0	-	-	0.0	-	-	-	0.0	-
82.0	47.0	0.0	4.8	9.5	-	-	-	0.0	-	-	-	-	-
83.0	40.0	15.3	0.0	4.8	-	-	-	0.0	-	-	-	-	-
83.0	43.0	15.3	3.3	-	-	-	-	0.0	-	-	-	-	-
83.0	51.0	9.0	0.0	11.8	-	-	-	0.0	-	-	-	-	-
83.0	55.0	5.2	3.3	5.9	-	-	-	0.0	-	-	-	-	-
83.0	70.0	0.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
83.0	90.0	3.4	0.0	0.0	-	-	-	0.0	-	-	-	-	-
87.0	33.0	0.0	1.9	2.8	-	-	-	0.0	-	-	-	-	-
87.0	35.0	-	0.0	15.1	-	-	-	0.0	-	-	-	-	-
87.0	40.0	3.5	0.0	-	-	-	-	0.0	-	-	-	-	-
87.0	50.0	2.7	1.3	0.0	-	-	-	-	-	-	-	-	-
87.0	55.0	0.0	0.0	3.4	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Citharichthys spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	60.0	0.0	2.7	0.0	–	–	–	0.0	–	–	–	–	–
87.0	80.0	0.0	2.6	0.0	–	–	–	0.0	–	–	–	–	–
90.0	28.0	0.0	3.6	3.5	8.7	–	–	0.0	–	0.0	–	–	–
90.0	37.0	0.0	0.0	22.6	0.0	–	–	0.0	–	2.9	–	–	–
90.0	45.0	0.0	0.0	0.0	2.6	–	–	0.0	–	0.0	–	–	–
90.0	53.0	2.5	3.5	0.0	0.0	–	–	0.0	–	0.0	–	–	–
90.0	60.0	0.0	3.2	0.0	0.0	–	–	0.0	–	–	–	–	–
90.0	70.0	0.0	3.4	0.0	0.0	–	–	0.0	–	0.0	–	–	–
90.0	80.0	0.0	0.0	3.0	0.0	–	–	0.0	–	0.0	–	–	–
93.0	28.0	0.0	3.1	21.8	–	–	–	0.0	–	–	–	–	–
93.0	30.0	0.0	3.0	0.0	–	–	–	0.0	–	–	–	–	–
93.0	35.0	2.9	0.0	0.0	–	–	–	0.0	–	–	–	–	–
93.0	45.0	0.0	3.1	0.0	–	–	–	0.0	–	–	–	–	–
93.0	60.0	5.3	0.0	0.0	–	–	–	0.0	–	–	–	–	–
93.0	80.0	0.0	3.4	0.0	–	–	–	0.0	–	–	–	–	–
97.0	29.0	5.6	2.6	0.0	–	–	–	–	–	–	–	–	–
97.0	35.0	0.0	0.0	7.8	–	–	–	0.0	–	–	–	–	–
97.0	45.0	0.0	3.9	0.0	–	–	–	0.0	–	–	–	–	–
97.0	50.0	0.0	0.0	3.4	–	–	–	0.0	–	–	–	–	–
97.0	80.0	0.0	6.0	0.0	–	–	–	0.0	–	–	–	–	–
100.0	29.0	0.0	0.0	0.0	–	26.0	–	0.0	–	–	6.0	–	–
100.0	30.0	0.0	0.0	0.0	–	16.4	–	0.0	–	–	14.2	–	–
100.0	35.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–
100.0	40.0	0.0	0.0	0.0	–	3.3	–	0.0	–	–	0.0	–	–
100.0	50.0	2.7	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	60.0	13.5	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	80.0	0.0	0.0	6.1	–	0.0	–	0.0	–	–	0.0	–	–
103.0	29.0	0.0	0.0	2.8	–	–	–	–	–	–	–	–	–
103.0	30.0	2.6	2.0	0.0	–	–	–	–	–	–	–	–	–
103.0	40.0	6.4	0.0	0.0	–	–	–	–	–	–	–	–	–
103.0	50.0	3.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–
103.0	55.0	–	2.8	–	–	–	–	–	–	–	–	–	–
107.0	31.0	0.0	5.4	0.0	–	–	–	0.0	–	–	–	–	–
107.0	35.0	3.4	0.0	0.0	–	–	–	11.2	–	–	–	–	–
107.0	70.0	2.9	0.0	0.0	–	–	–	0.0	–	–	–	–	–
110.0	32.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	2.5	–	–
110.0	35.0	–	6.6	0.0	–	0.0	–	0.0	–	–	12.0	–	–
110.0	40.0	6.5	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
110.0	45.0	6.0	0.0	0.0	–	0.0	–	12.0	–	–	12.8	–	–
110.0	50.0	0.0	0.0	0.0	–	0.0	–	48.3	–	–	3.3	–	–
110.0	55.0	0.0	0.0	3.6	–	0.0	–	11.6	–	–	9.6	–	–
113.0	35.0	0.0	0.0	0.0	–	–	–	34.6	–	–	–	–	–
113.0	40.0	3.1	0.0	0.0	–	–	–	0.0	–	–	–	–	–
113.0	50.0	3.3	0.0	0.0	–	–	–	0.0	–	–	–	–	–
117.0	30.0	2.8	2.7	0.0	–	–	–	170.4	–	–	–	–	–
117.0	35.0	0.0	0.0	6.2	–	–	–	50.9	–	–	–	–	–

TABLE 4. (cont.)

Citharichthys spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	40.0	0.0	0.0	0.0	-	-	-	12.2	-	-	-	-	-
117.0	45.0	0.0	0.0	0.0	-	-	-	11.3	-	-	-	-	-
117.0	50.0	3.2	0.0	3.1	-	-	-	276.0	-	-	-	-	-
117.0	60.0	0.0	0.0	0.0	-	-	-	58.6	-	-	-	-	-
117.0	70.0	0.0	0.0	0.0	-	-	-	5.5	-	-	-	-	-
119.0	33.0	0.0	0.0	23.8	-	-	-	23.7	-	-	-	-	-
120.0	24.0	2.9	0.0	0.0	-	0.0	-	28.1	-	-	24.3	-	-
120.0	25.0	0.0	0.0	5.2	-	16.2	-	43.2	-	-	0.0	-	-
120.0	30.0	0.0	0.0	32.3	-	0.0	-	64.7	-	-	22.5	-	-
120.0	35.0	0.0	0.0	15.9	-	191.8	-	19.4	-	-	35.1	-	-
120.0	40.0	0.0	10.6	0.0	-	10.5	-	45.6	-	-	4.9	-	-
120.0	45.0	0.0	0.0	0.0	-	44.2	-	24.1	-	-	6.0	-	-
120.0	50.0	0.0	0.0	0.0	-	0.0	-	60.0	-	-	42.6	-	-
120.0	60.0	0.0	0.0	0.0	-	6.2	-	8.8	-	-	3.1	-	-
123.0	36.0	0.0	11.3	0.0	-	-	-	2.2	-	-	-	-	-
123.0	37.0	8.6	0.0	15.5	-	-	-	4.5	-	-	-	-	-
123.0	42.0	0.0	6.6	0.0	-	-	-	11.6	-	-	-	-	-
123.0	50.0	0.0	0.0	3.6	-	-	-	120.0	-	-	-	-	-
127.0	33.0	0.0	2.6	0.0	-	-	-	0.0	-	-	-	-	-
127.0	34.0	0.0	3.2	0.0	-	-	-	0.0	-	-	-	-	-
127.0	40.0	0.0	9.7	0.0	-	-	-	0.0	-	-	-	-	-
127.0	45.0	6.0	3.1	0.0	-	-	-	0.0	-	-	-	-	-
130.0	28.0	3.0	3.0	3.3	-	0.0	-	0.0	-	-	35.7	-	-
130.0	30.0	0.0	0.0	5.9	-	0.0	-	0.0	-	-	112.3	-	-
130.0	35.0	0.0	0.0	32.6	-	0.0	-	0.0	-	-	15.3	-	-
130.0	40.0	0.0	48.2	0.0	-	0.0	-	0.0	-	-	0.0	-	-
130.0	50.0	0.0	39.6	0.0	-	0.0	-	0.0	-	-	0.0	-	-
130.0	60.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	8.6	-	-
133.0	25.0	0.0	0.0	35.5	-	-	-	-	-	-	-	-	-
133.0	35.0	3.3	0.0	0.0	-	-	-	0.0	-	-	-	-	-
133.0	40.0	13.6	0.0	0.0	-	-	-	0.0	-	-	-	-	-
133.0	50.0	0.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
137.0	22.0	14.1	5.2	0.0	-	-	-	0.0	-	-	-	-	-
137.0	23.0	12.3	12.7	0.0	-	-	-	0.0	-	-	-	-	-
137.0	30.0	32.3	0.0	0.0	-	-	-	0.0	-	-	-	-	-
137.0	60.0	3.1	0.0	0.0	-	-	-	-	-	-	-	-	-
150.0	25.0	-	0.0	-	-	-	3.5	-	-	-	-	0.0	-
150.0	30.0	-	0.0	-	-	-	3.4	-	-	-	-	0.0	-
157.0	15.0	-	3.2	-	-	-	0.0	-	-	-	-	0.0	-
157.0	20.0	-	0.0	-	-	-	3.2	-	-	-	-	3.1	-

Citharichthys stigmaeus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	50.0	-	0.0	-	-	0.0	-	-	-	-	3.1	-	-

TABLE 4. (cont.)

Citharichthys stigmaeus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	50.0	-	0.0	-	-	0.0	-	0.0	-	-	-	11.8	-
50.0	55.0	-	0.0	-	-	0.0	-	0.0	-	-	-	29.7	-
50.0	80.0	-	12.4	-	-	0.0	-	0.0	-	-	-	0.0	-
60.0	55.0	-	0.0	0.0	0.0	-	-	0.0	-	-	-	2.5	-
60.0	60.0	-	0.0	0.0	0.0	-	-	0.0	-	-	-	3.2	-
60.0	70.0	-	3.3	0.0	0.0	-	-	0.0	-	-	-	0.0	-
67.0	50.0	0.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
67.0	55.0	0.0	0.0	1.8	-	-	-	0.0	-	-	-	-	-
67.0	65.0	-	3.1	0.0	-	-	-	0.0	-	-	-	-	-
70.0	51.0	0.0	0.0	-	0.0	-	-	0.0	-	-	-	2.7	-
70.0	53.0	0.0	0.0	0.0	0.0	-	-	0.0	-	-	-	5.4	-
70.0	60.0	3.2	18.3	6.3	0.0	-	-	0.0	-	-	-	11.5	-
70.0	65.0	-	0.0	1.5	0.0	-	-	0.0	-	-	-	8.2	-
70.0	70.0	3.7	3.9	0.0	2.6	-	-	0.0	-	-	-	5.2	-
70.0	80.0	3.5	3.5	0.0	3.9	-	-	0.0	-	-	-	0.0	-
73.0	50.0	-	2.5	0.0	-	-	-	0.0	-	-	-	-	-
73.0	53.0	0.0	0.0	1.6	-	-	-	0.0	-	-	-	-	-
73.0	60.0	0.0	3.1	0.0	-	-	-	0.0	-	-	-	-	-
73.0	65.0	0.0	3.2	0.0	-	-	-	-	-	-	-	-	-
73.0	70.0	0.0	0.0	1.6	-	-	-	-	-	-	-	-	-
77.0	51.0	0.0	6.9	6.3	-	-	-	0.0	-	-	-	-	-
77.0	55.0	0.0	4.2	5.9	-	-	-	11.6	-	-	-	-	-
77.0	60.0	0.0	0.0	12.9	-	-	-	0.0	-	-	-	-	-
77.0	65.0	0.0	3.2	1.6	-	-	-	12.9	-	-	-	-	-
77.0	80.0	5.5	0.0	0.0	-	-	-	-	-	-	-	-	-
80.0	52.0	0.0	10.4	0.0	0.0	-	-	0.0	-	-	0.0	-	-
80.0	55.0	0.0	0.0	0.0	0.0	-	-	0.0	-	-	-	2.8	-
80.0	60.0	0.0	3.6	15.8	0.0	-	-	0.0	-	-	-	6.3	-
80.0	70.0	0.0	6.3	3.1	0.0	-	-	11.5	-	-	-	0.0	-
80.0	90.0	0.0	4.1	0.0	0.0	-	-	0.0	-	-	-	0.0	-
83.0	55.0	5.2	0.0	0.0	-	-	-	0.0	-	-	-	-	-
83.0	70.0	0.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
83.0	80.0	11.1	0.0	0.0	-	-	-	0.0	-	-	-	-	-
87.0	40.0	0.0	6.3	-	-	-	-	0.0	-	-	-	-	-
87.0	45.0	0.0	0.0	3.4	-	-	-	0.0	-	-	-	-	-
87.0	50.0	2.7	0.0	22.3	-	-	-	-	-	-	-	-	-
87.0	80.0	3.5	0.0	0.0	-	-	-	0.0	-	-	-	-	-
90.0	32.0	0.0	0.0	0.0	0.0	-	-	34.0	-	0.0	-	-	-
90.0	37.0	0.0	0.0	0.0	0.0	-	-	11.2	-	0.0	-	-	-
90.0	45.0	0.0	3.5	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	53.0	0.0	0.0	0.0	6.5	-	-	0.0	-	0.0	-	-	-
90.0	80.0	2.9	0.0	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	90.0	0.0	3.3	0.0	0.0	-	-	0.0	-	0.0	-	-	-
93.0	35.0	0.0	3.0	0.0	-	-	-	12.0	-	-	-	-	-
93.0	40.0	21.1	3.1	0.0	-	-	-	0.0	-	-	-	-	-
93.0	45.0	3.7	6.2	0.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Citharichthys stigmaeus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	55.0	–	3.2	0.0	–	–	–	12.7	–	–	–	–	–
93.0	60.0	5.3	0.0	0.0	–	–	–	0.0	–	–	–	–	–
93.0	80.0	0.0	0.0	0.0	–	–	–	8.6	–	–	–	–	–
97.0	32.0	0.0	3.0	0.0	–	–	–	0.0	–	–	–	–	–
97.0	40.0	3.0	0.0	0.0	–	–	–	0.0	–	–	–	–	–
97.0	55.0	6.7	2.9	0.0	–	–	–	0.0	–	–	–	–	–
97.0	80.0	0.0	3.0	0.0	–	–	–	0.0	–	–	–	–	–
100.0	29.0	13.9	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	30.0	0.0	0.0	0.0	–	3.3	–	0.0	–	–	0.0	–	–
100.0	40.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	6.7	–	–
100.0	50.0	5.4	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	60.0	6.7	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
103.0	45.0	0.0	0.0	3.1	–	–	–	0.0	–	–	–	–	–
103.0	50.0	3.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–
107.0	31.0	0.0	1.8	0.0	–	–	–	0.0	–	–	–	–	–
107.0	32.0	3.0	0.0	0.0	–	–	–	0.0	–	–	–	–	–
107.0	40.0	3.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–
110.0	50.0	0.0	3.3	0.0	–	0.0	–	0.0	–	–	0.0	–	–
117.0	45.0	0.0	0.0	0.0	–	–	–	11.3	–	–	–	–	–
117.0	60.0	3.4	0.0	0.0	–	–	–	0.0	–	–	–	–	–
120.0	45.0	0.0	0.0	0.0	–	0.0	–	12.0	–	–	0.0	–	–

Cyclopsetta spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	25.0	–	0.0	–	–	–	3.5	–	–	–	–	0.0	–

Hippoglossina stomata

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	51.0	0.0	0.0	0.0	0.0	–	–	0.0	–	–	2.2	–	–
93.0	27.0	0.0	4.6	0.0	–	–	–	0.0	–	–	–	–	–
97.0	29.0	0.0	2.6	0.0	–	–	–	–	–	–	–	–	–
97.0	32.0	0.0	3.0	0.0	–	–	–	0.0	–	–	–	–	–
100.0	30.0	0.0	0.0	0.0	–	0.0	–	11.2	–	–	0.0	–	–
117.0	30.0	0.0	0.0	0.0	–	–	–	11.4	–	–	–	–	–
117.0	35.0	5.8	0.0	0.0	–	–	–	0.0	–	–	–	–	–
120.0	25.0	0.0	0.0	0.0	–	2.7	–	0.0	–	–	0.0	–	–
123.0	37.0	0.0	0.0	0.0	–	–	–	2.3	–	–	–	–	–
123.0	42.0	0.0	0.0	0.0	–	–	–	11.6	–	–	–	–	–
123.0	50.0	0.0	0.0	3.6	–	–	–	0.0	–	–	–	–	–
127.0	34.0	3.1	0.0	0.0	–	–	–	0.0	–	–	–	–	–
127.0	40.0	0.0	0.0	0.0	–	–	–	3.0	–	–	–	–	–
130.0	30.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	4.7	–	–

TABLE 4. (cont.)

Hippoglossina stomata (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
133.0	35.0	0.0	0.0	0.0	–	–	–	2.9	–	–	–	–	–
137.0	22.0	0.0	2.6	0.0	–	–	–	0.0	–	–	–	–	–
140.0	30.0	–	0.0	–	–	–	0.0	–	–	–	–	2.9	–

Paralichthys californicus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
82.0	47.0	0.0	0.0	3.2	–	–	–	0.0	–	–	–	–	–
90.0	45.0	0.0	0.0	0.0	0.0	–	–	0.0	–	3.1	–	–	–
93.0	28.0	0.0	6.3	0.0	–	–	–	0.0	–	–	–	–	–
93.0	30.0	0.0	0.0	0.0	–	–	–	11.8	–	–	–	–	–
100.0	29.0	0.0	0.0	0.0	–	9.8	–	0.0	–	–	0.0	–	–
100.0	35.0	0.0	0.0	3.4	–	0.0	–	0.0	–	–	0.0	–	–
103.0	29.0	0.0	0.0	11.0	–	–	–	–	–	–	–	–	–
103.0	30.0	0.0	5.9	2.2	–	–	–	–	–	–	–	–	–
107.0	31.0	2.6	1.8	0.0	–	–	–	0.0	–	–	–	–	–
107.0	32.0	6.0	0.0	0.0	–	–	–	0.0	–	–	–	–	–
110.0	32.0	0.0	0.0	7.0	–	0.0	–	0.0	–	–	0.0	–	–
113.0	30.0	0.0	0.0	2.8	–	–	–	0.0	–	–	–	–	–
113.0	35.0	3.4	0.0	0.0	–	–	–	0.0	–	–	–	–	–
117.0	25.0	0.0	0.0	0.0	–	–	–	9.2	–	–	–	–	–
117.0	45.0	0.0	2.8	0.0	–	–	–	0.0	–	–	–	–	–
120.0	24.0	0.0	5.1	0.0	–	0.0	–	93.6	–	–	0.0	–	–
120.0	25.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	7.9	–	–
120.0	30.0	0.0	2.9	0.0	–	0.0	–	27.7	–	–	0.0	–	–
120.0	35.0	0.0	3.0	0.0	–	0.0	–	9.7	–	–	0.0	–	–
120.0	40.0	0.0	0.0	0.0	–	10.5	–	0.0	–	–	0.0	–	–
120.0	45.0	0.0	0.0	3.3	–	13.0	–	0.0	–	–	0.0	–	–
123.0	36.0	2.7	2.8	0.0	–	–	–	0.0	–	–	–	–	–
130.0	28.0	3.0	6.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
130.0	30.0	3.0	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
133.0	23.0	0.0	0.0	0.0	–	–	–	2.9	–	–	–	–	–
137.0	22.0	2.8	0.0	19.9	–	–	–	0.0	–	–	–	–	–
137.0	23.0	0.0	0.0	2.7	–	–	–	0.0	–	–	–	–	–
143.0	26.0	–	5.9	–	–	–	–	–	–	–	–	–	–

Syacium ovale

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
140.0	30.0	–	0.0	–	–	–	0.0	–	–	–	–	2.9	–
140.0	50.0	–	0.0	–	–	–	0.0	–	–	–	–	2.9	–
150.0	25.0	–	0.0	–	–	–	0.0	–	–	–	–	6.2	–
150.0	30.0	–	0.0	–	–	–	0.0	–	–	–	–	6.0	–
157.0	20.0	–	0.0	–	–	–	0.0	–	–	–	–	3.1	–

TABLE 4. (cont.)

Xystreurys liolepis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	35.0	0.0	0.0	0.0	-	0.0	-	19.4	-	-	0.0	-	-
120.0	40.0	2.4	0.0	0.0	-	0.0	-	0.0	-	-	2.4	-	-
130.0	28.0	0.0	3.0	3.3	-	0.0	-	0.0	-	-	0.0	-	-

Glyptocephalus zachirus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	50.0	-	14.6	-	-	0.0	-	-	-	-	0.0	-	-
40.0	80.0	-	-	-	-	3.5	-	-	-	-	0.0	-	-
60.0	52.0	-	0.0	0.0	0.0	-	-	16.5	-	-	-	0.0	-
60.0	55.0	-	0.0	6.8	0.0	-	-	0.0	-	-	-	0.0	-
60.0	60.0	-	0.0	1.8	0.0	-	-	0.0	-	-	-	0.0	-
60.0	65.0	-	0.0	4.0	0.0	-	-	0.0	-	-	-	0.0	-
60.0	70.0	-	3.3	0.0	0.0	-	-	0.0	-	-	-	0.0	-
60.0	90.0	-	-	0.0	0.0	-	-	3.0	-	-	-	0.0	-
63.0	52.0	-	0.0	1.3	-	-	-	11.8	-	-	-	-	-
67.0	55.0	0.0	0.0	14.8	-	-	-	0.0	-	-	-	-	-
70.0	53.0	0.0	0.0	1.6	0.0	-	-	0.0	-	-	-	0.0	-
70.0	80.0	0.0	0.0	1.7	0.0	-	-	0.0	-	-	-	0.0	-
73.0	53.0	0.0	0.0	6.1	-	-	-	0.0	-	-	-	-	-
83.0	51.0	0.0	0.0	3.0	-	-	-	0.0	-	-	-	-	-

Hypsopsetta guttulata

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	28.0	0.0	0.0	0.0	0.0	-	-	0.0	-	6.8	-	-	-

Isopsetta isolepis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	-	0.0	-	-	49.1	-	-	-	-	0.0	-	-
40.0	40.0	-	0.0	-	-	3.5	-	-	-	-	0.0	-	-
60.0	50.0	-	0.0	0.0	6.6	-	-	0.0	-	-	-	0.0	-

Lepidopsetta bilineata

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	60.0	0.0	0.0	1.9	-	-	-	0.0	-	-	-	-	-
73.0	50.0	-	0.0	1.4	-	-	-	0.0	-	-	-	-	-
80.0	51.0	0.0	0.0	0.0	3.5	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Lyopsetta exilis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	40.0	–	0.0	–	–	10.4	–	–	–	–	0.0	–	–
40.0	55.0	–	13.6	–	–	0.0	–	–	–	–	0.0	–	–
43.0	70.0	–	0.0	–	–	–	–	6.6	–	–	–	–	–
50.0	55.0	–	13.5	–	–	0.0	–	0.0	–	–	–	0.0	–
57.0	60.0	–	–	0.0	–	–	–	14.5	–	–	–	–	–
60.0	50.0	–	1.6	0.0	0.0	–	–	0.0	–	–	–	0.0	–
60.0	52.0	–	0.0	0.0	0.0	–	–	16.5	–	–	–	0.0	–
60.0	55.0	–	0.0	6.8	0.0	–	–	0.0	–	–	–	0.0	–
60.0	60.0	–	3.4	12.1	0.0	–	–	0.0	–	–	–	0.0	–
60.0	65.0	–	4.7	25.5	0.0	–	–	0.0	–	–	–	0.0	–
63.0	50.0	–	0.0	2.6	–	–	–	0.0	–	–	–	–	–
63.0	52.0	–	7.4	8.7	–	–	–	0.0	–	–	–	–	–
63.0	60.0	3.0	0.0	0.0	–	–	–	12.7	–	–	–	–	–
67.0	48.0	–	0.0	3.0	–	–	–	0.0	–	–	–	–	–
67.0	50.0	0.0	3.3	13.4	–	–	–	0.0	–	–	–	–	–
67.0	60.0	0.0	2.9	0.0	–	–	–	0.0	–	–	–	–	–
70.0	51.0	0.0	0.0	–	4.2	–	–	0.0	–	–	–	0.0	–
70.0	53.0	0.0	8.8	8.4	0.0	–	–	0.0	–	–	–	0.0	–
70.0	65.0	–	0.0	0.0	0.0	–	–	12.2	–	–	–	0.0	–
73.0	50.0	–	0.0	6.8	–	–	–	0.0	–	–	–	–	–
73.0	53.0	0.0	3.7	0.0	–	–	–	0.0	–	–	–	–	–
73.0	70.0	0.0	0.0	1.6	–	–	–	–	–	–	–	–	–
77.0	65.0	0.0	0.0	14.9	–	–	–	0.0	–	–	–	–	–
80.0	51.0	0.0	0.0	2.6	3.5	–	–	0.0	–	–	0.0	–	–
80.0	52.0	0.0	0.0	0.0	6.2	–	–	0.0	–	–	0.0	–	–
80.0	55.0	5.3	0.0	6.1	0.0	–	–	0.0	–	–	–	0.0	–
80.0	70.0	7.5	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–
82.0	47.0	0.0	14.3	12.6	–	–	–	0.0	–	–	–	–	–
83.0	51.0	0.0	4.6	3.0	–	–	–	0.0	–	–	–	–	–
87.0	45.0	0.0	0.0	3.4	–	–	–	0.0	–	–	–	–	–
87.0	50.0	2.7	0.0	0.0	–	–	–	–	–	–	–	–	–
90.0	28.0	0.0	0.0	0.0	5.8	–	–	0.0	–	0.0	–	–	–
90.0	45.0	6.4	0.0	0.0	0.0	–	–	0.0	–	0.0	–	–	–
93.0	30.0	0.0	3.0	0.0	–	–	–	0.0	–	–	–	–	–
100.0	29.0	0.0	0.0	9.6	–	3.3	–	0.0	–	–	0.0	–	–
100.0	30.0	0.0	0.0	17.0	–	0.0	–	0.0	–	–	0.0	–	–
110.0	35.0	–	0.0	0.0	–	3.0	–	0.0	–	–	0.0	–	–
120.0	45.0	0.0	0.0	0.0	–	5.2	–	0.0	–	–	0.0	–	–

Microstomus pacificus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	50.0	–	14.6	–	–	0.0	–	–	–	–	0.0	–	–
40.0	55.0	–	13.6	–	–	3.3	–	–	–	–	0.0	–	–
40.0	65.0	–	0.0	–	–	3.7	–	–	–	–	0.0	–	–

TABLE 4. (cont.)

Microstomus pacificus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	80.0	–	0.0	–	–	3.0	–	3.1	–	–	–	0.0	–
60.0	80.0	–	–	0.0	2.6	–	–	0.0	–	–	–	0.0	–
63.0	52.0	–	0.0	0.0	–	–	–	11.8	–	–	–	–	–
70.0	70.0	3.7	3.9	0.0	0.0	–	–	0.0	–	–	–	0.0	–
73.0	53.0	0.0	0.0	0.0	–	–	–	12.0	–	–	–	–	–
73.0	65.0	0.0	0.0	3.1	–	–	–	–	–	–	–	–	–
73.0	70.0	0.0	0.0	1.6	–	–	–	–	–	–	–	–	–
77.0	65.0	0.0	0.0	6.6	–	–	–	0.0	–	–	–	–	–
80.0	90.0	0.0	0.0	0.0	13.3	–	–	0.0	–	–	–	0.0	–
87.0	55.0	4.1	0.0	3.4	–	–	–	0.0	–	–	–	–	–

Parophrys vetulus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
53.0	60.0	–	–	14.8	–	–	–	0.0	–	–	–	–	–
60.0	50.0	–	0.0	21.1	0.0	–	–	0.0	–	–	–	0.0	–
60.0	52.0	–	41.8	72.4	0.0	–	–	0.0	–	–	–	0.0	–
60.0	55.0	–	10.6	0.0	0.0	–	–	0.0	–	–	–	0.0	–
63.0	50.0	–	50.4	5.2	–	–	–	0.0	–	–	–	–	–
63.0	52.0	–	37.2	22.3	–	–	–	0.0	–	–	–	–	–
67.0	48.0	–	4.1	11.8	–	–	–	0.0	–	–	–	–	–
67.0	50.0	5.7	9.8	142.6	–	–	–	0.0	–	–	–	–	–
67.0	60.0	3.0	0.0	0.0	–	–	–	0.0	–	–	–	–	–
70.0	53.0	0.0	0.0	11.4	0.0	–	–	0.0	–	–	–	0.0	–
70.0	55.0	–	–	12.6	–	–	–	–	–	–	–	–	–
73.0	53.0	0.0	0.0	6.1	–	–	–	0.0	–	–	–	–	–
73.0	65.0	0.0	3.2	0.0	–	–	–	–	–	–	–	–	–
77.0	51.0	3.1	0.0	0.0	–	–	–	0.0	–	–	–	–	–
80.0	51.0	14.6	0.0	12.9	17.6	–	–	0.0	–	–	0.0	–	–
80.0	52.0	7.4	0.0	0.0	34.0	–	–	0.0	–	–	0.0	–	–
80.0	55.0	0.0	0.0	6.1	0.0	–	–	0.0	–	–	–	2.8	–
82.0	47.0	4.3	0.0	3.2	–	–	–	0.0	–	–	–	–	–
83.0	43.0	0.0	9.8	–	–	–	–	0.0	–	–	–	–	–
87.0	33.0	0.0	3.7	0.0	–	–	–	0.0	–	–	–	–	–
90.0	28.0	0.0	10.7	7.0	0.0	–	–	0.0	–	0.0	–	–	–
90.0	32.0	0.0	0.0	3.2	0.0	–	–	0.0	–	0.0	–	–	–
90.0	37.0	0.0	0.0	3.2	0.0	–	–	0.0	–	0.0	–	–	–
90.0	80.0	0.0	0.0	3.0	3.0	–	–	0.0	–	0.0	–	–	–
93.0	27.0	0.0	18.2	0.0	–	–	–	0.0	–	–	–	–	–
97.0	29.0	0.0	2.6	6.3	–	–	–	–	–	–	–	–	–
97.0	30.0	0.0	0.0	8.2	–	–	–	–	–	–	–	–	–
100.0	29.0	0.0	0.0	19.1	–	0.0	–	10.2	–	–	0.0	–	–
100.0	30.0	0.0	0.0	3.4	–	0.0	–	0.0	–	–	0.0	–	–
103.0	29.0	0.0	1.6	13.8	–	–	–	–	–	–	–	–	–
103.0	30.0	2.6	2.0	30.1	–	–	–	–	–	–	–	–	–

TABLE 4. (cont.)

Parophrys vetulus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	31.0	0.0	1.8	0.0	–	–	–	0.0	–	–	–	–	–
110.0	32.0	0.0	0.0	9.3	–	0.0	–	0.0	–	–	0.0	–	–

Platichthys stellatus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	–	0.0	13.2	16.5	–	–	0.0	–	–	–	0.0	–
60.0	52.0	–	3.5	21.4	0.0	–	–	0.0	–	–	–	0.0	–
67.0	48.0	–	0.0	5.9	–	–	–	0.0	–	–	–	–	–

Pleuronichthys coenosus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	51.0	0.0	0.0	3.0	–	–	–	2.5	–	–	–	–	–
93.0	45.0	0.0	0.0	0.0	–	–	–	12.5	–	–	–	–	–

Pleuronichthys decurrens

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	90.0	3.2	0.0	0.0	0.0	–	–	0.0	–	–	–	0.0	–
77.0	55.0	0.0	0.0	5.9	–	–	–	0.0	–	–	–	–	–
77.0	70.0	3.3	0.0	0.0	–	–	–	0.0	–	–	–	–	–
80.0	52.0	0.0	0.0	3.3	0.0	–	–	0.0	–	–	0.0	–	–
80.0	60.0	3.8	0.0	3.2	0.0	–	–	0.0	–	–	–	0.0	–
87.0	50.0	0.0	0.0	6.4	–	–	–	–	–	–	–	–	–
97.0	70.0	0.0	2.7	0.0	–	–	–	0.0	–	–	–	–	–

Pleuronichthys ritteri

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	32.0	0.0	3.0	0.0	–	–	–	0.0	–	–	–	–	–
120.0	24.0	0.0	2.5	0.0	–	0.0	–	18.7	–	–	17.0	–	–
120.0	25.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	13.2	–	–
123.0	36.0	0.0	0.0	0.0	–	–	–	2.2	–	–	–	–	–
130.0	28.0	3.0	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
143.0	26.0	–	3.0	–	–	–	–	–	–	–	–	–	–

Pleuronichthys verticalis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	60.0	0.0	0.0	0.0	0.0	–	–	0.0	–	–	–	3.1	–

TABLE 4. (cont.)

Pleuronichthys verticalis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
82.0	47.0	0.0	0.0	3.2	–	–	–	0.0	–	–	–	–	–
83.0	43.0	0.0	3.3	–	–	–	–	0.0	–	–	–	–	–
90.0	28.0	0.0	0.0	0.0	8.7	–	–	0.0	–	3.4	–	–	–
90.0	37.0	0.0	0.0	6.5	0.0	–	–	0.0	–	0.0	–	–	–
93.0	28.0	0.0	3.1	0.0	–	–	–	0.0	–	–	–	–	–
100.0	29.0	0.0	0.0	3.2	–	0.0	–	0.0	–	–	0.0	–	–
100.0	30.0	0.0	0.0	0.0	–	3.3	–	0.0	–	–	0.0	–	–
103.0	29.0	0.0	0.0	5.5	–	–	–	–	–	–	–	–	–
103.0	30.0	0.0	0.0	12.9	–	–	–	–	–	–	–	–	–
107.0	31.0	7.9	1.8	0.0	–	–	–	0.0	–	–	–	–	–
107.0	32.0	6.0	0.0	0.0	–	–	–	0.0	–	–	–	–	–
110.0	32.0	0.0	0.0	0.0	–	2.5	–	0.0	–	–	0.0	–	–
117.0	25.0	0.0	0.0	0.0	–	–	–	9.2	–	–	–	–	–
120.0	24.0	0.0	0.0	0.0	–	0.0	–	9.4	–	–	0.0	–	–
120.0	30.0	0.0	0.0	0.0	–	0.0	–	9.2	–	–	0.0	–	–
120.0	40.0	0.0	0.0	0.0	–	0.0	–	2.3	–	–	0.0	–	–
120.0	45.0	0.0	0.0	0.0	–	2.6	–	0.0	–	–	0.0	–	–

Psettichthys melanostictus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	–	0.0	2.6	23.2	–	–	0.0	–	–	–	0.0	–
60.0	52.0	–	0.0	1.6	0.0	–	–	0.0	–	–	–	0.0	–
63.0	50.0	–	13.7	0.0	–	–	–	0.0	–	–	–	–	–
67.0	48.0	–	0.0	32.5	–	–	–	0.0	–	–	–	–	–
67.0	60.0	0.0	0.0	3.7	–	–	–	0.0	–	–	–	–	–
83.0	60.0	0.0	3.5	0.0	–	–	–	0.0	–	–	–	–	–
87.0	50.0	0.0	0.0	6.4	–	–	–	–	–	–	–	–	–

Symphurus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	50.0	0.0	0.0	0.0	–	–	–	24.0	–	–	–	–	–
117.0	60.0	0.0	0.0	0.0	–	–	–	11.7	–	–	–	–	–
120.0	24.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	12.2	–	–
120.0	25.0	0.0	0.0	0.0	–	0.0	–	10.8	–	–	26.4	–	–
120.0	30.0	0.0	0.0	0.0	–	0.0	–	37.0	–	–	27.5	–	–
120.0	40.0	0.0	0.0	0.0	–	0.0	–	11.4	–	–	19.4	–	–
120.0	45.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	12.0	–	–
130.0	28.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	7.7	–	–
130.0	30.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	30.4	–	–
130.0	35.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	24.5	–	–
130.0	40.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	2.9	–	–
133.0	23.0	0.0	0.0	0.0	–	–	–	5.8	–	–	–	–	–

TABLE 4. (cont.)

Symphurus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	25.0	-	0.0	-	-	-	6.9	-	-	-	-	0.0	-
150.0	30.0	-	0.0	-	-	-	3.4	-	-	-	-	0.0	-
157.0	10.0	-	16.0	-	-	-	0.0	-	-	-	-	0.0	-
157.0	15.0	-	15.9	-	-	-	0.0	-	-	-	-	6.1	-

Disintegrated fish larva

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	-	0.0	-	-	0.0	-	-	-	-	3.8	-	-
40.0	55.0	-	0.0	-	-	6.5	-	-	-	-	0.0	-	-
40.0	65.0	-	0.0	-	-	3.7	-	-	-	-	0.0	-	-
40.0	80.0	-	-	-	-	3.5	-	-	-	-	0.0	-	-
43.0	42.0	-	12.1	-	-	-	-	0.0	-	-	-	-	-
43.0	50.0	-	0.0	-	-	-	-	12.4	-	-	-	-	-
43.0	70.0	-	0.0	-	-	-	-	3.3	-	-	-	-	-
47.0	50.0	-	10.8	-	-	-	-	0.0	-	-	-	-	-
47.0	60.0	-	11.5	-	-	-	-	0.0	-	-	-	-	-
50.0	55.0	-	0.0	-	-	0.0	-	0.0	-	-	-	2.7	-
50.0	70.0	-	0.0	-	-	0.0	-	0.0	-	-	-	3.2	-
50.0	100.0	-	-	-	-	0.0	-	-	-	-	-	3.1	-
57.0	51.0	-	-	13.7	-	-	-	-	-	-	-	-	-
57.0	90.0	-	-	-	-	-	-	2.9	-	-	-	-	-
60.0	50.0	-	3.2	0.0	0.0	-	-	0.0	-	-	-	0.0	-
60.0	52.0	-	0.0	15.1	0.0	-	-	0.0	-	-	-	0.0	-
60.0	55.0	-	3.5	20.5	0.0	-	-	0.0	-	-	-	0.0	-
60.0	65.0	-	0.0	14.4	0.0	-	-	13.0	-	-	-	0.0	-
60.0	70.0	-	0.0	16.5	0.0	-	-	0.0	-	-	-	0.0	-
60.0	80.0	-	-	8.4	0.0	-	-	0.0	-	-	-	0.0	-
60.0	90.0	-	-	11.1	0.0	-	-	0.0	-	-	-	0.0	-
60.0	100.0	-	-	-	5.9	-	-	-	-	-	-	0.0	-
60.0	120.0	-	-	-	0.0	-	-	-	-	-	3.1	-	-
63.0	50.0	-	2.3	10.3	-	-	-	0.0	-	-	-	-	-
63.0	52.0	-	0.0	3.7	-	-	-	0.0	-	-	-	-	-
63.0	60.0	0.0	0.0	28.5	-	-	-	0.0	-	-	-	-	-
63.0	65.0	-	6.7	0.0	-	-	-	0.0	-	-	-	-	-
63.0	70.0	-	0.0	0.0	-	-	-	12.4	-	-	-	-	-
67.0	55.0	0.0	2.9	7.4	-	-	-	0.0	-	-	-	-	-
67.0	60.0	0.0	2.9	0.0	-	-	-	0.0	-	-	-	-	-
67.0	80.0	-	-	7.0	-	-	-	13.0	-	-	-	-	-
70.0	51.0	3.1	6.0	-	0.0	-	-	0.0	-	-	-	0.0	-
70.0	53.0	0.0	0.0	0.0	0.0	-	-	13.0	-	-	-	2.7	-
70.0	60.0	0.0	7.3	0.0	0.0	-	-	0.0	-	-	-	5.8	-
70.0	65.0	-	0.0	12.6	0.0	-	-	0.0	-	-	-	0.0	-
70.0	70.0	0.0	3.9	0.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	80.0	0.0	0.0	5.0	0.0	-	-	0.0	-	-	-	0.0	-

TABLE 4. (cont.)

Disintegrated fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	50.0	-	2.5	8.2	-	-	-	0.0	-	-	-	-	-
73.0	53.0	0.0	0.0	6.4	-	-	-	0.0	-	-	-	-	-
73.0	60.0	0.0	3.1	12.4	-	-	-	0.0	-	-	-	-	-
73.0	65.0	0.0	0.0	15.2	-	-	-	-	-	-	-	-	-
73.0	70.0	0.0	20.7	11.4	-	-	-	-	-	-	-	-	-
73.0	80.0	0.0	0.0	11.4	-	-	-	-	-	-	-	-	-
73.0	90.0	0.0	6.5	8.4	-	-	-	-	-	-	-	-	-
77.0	48.0	0.0	17.5	0.0	-	-	-	0.0	-	-	-	-	-
77.0	51.0	0.0	3.4	6.4	-	-	-	0.0	-	-	-	-	-
77.0	55.0	3.4	4.2	7.6	-	-	-	0.0	-	-	-	-	-
77.0	60.0	3.4	0.0	32.5	-	-	-	0.0	-	-	-	-	-
77.0	65.0	0.0	3.2	4.8	-	-	-	0.0	-	-	-	-	-
80.0	51.0	4.9	0.0	2.6	0.0	-	-	0.0	-	-	0.0	-	-
80.0	52.0	0.0	20.8	0.0	15.4	-	-	0.0	-	-	0.0	-	-
80.0	60.0	7.5	0.0	0.0	0.0	-	-	0.0	-	-	-	3.1	-
80.0	70.0	0.0	3.2	0.0	0.0	-	-	0.0	-	-	-	0.0	-
80.0	80.0	0.0	0.0	0.0	4.2	-	-	0.0	-	-	-	0.0	-
80.0	90.0	0.0	4.1	3.1	0.0	-	-	3.8	-	-	-	0.0	-
83.0	40.0	35.6	5.1	0.0	-	-	-	0.0	-	-	-	-	-
83.0	43.0	35.6	0.0	-	-	-	-	0.0	-	-	-	-	-
83.0	55.0	5.2	3.3	0.0	-	-	-	0.0	-	-	-	-	-
83.0	60.0	0.0	3.5	0.0	-	-	-	0.0	-	-	-	-	-
83.0	70.0	0.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
83.0	80.0	0.0	0.0	3.0	-	-	-	3.0	-	-	-	-	-
83.0	90.0	0.0	0.0	3.0	-	-	-	2.9	-	-	-	-	-
87.0	33.0	0.0	1.9	0.0	-	-	-	0.0	-	-	-	-	-
87.0	45.0	6.1	0.0	10.1	-	-	-	0.0	-	-	-	-	-
87.0	55.0	4.1	3.2	0.0	-	-	-	0.0	-	-	-	-	-
87.0	60.0	7.7	0.0	0.0	-	-	-	0.0	-	-	-	-	-
87.0	70.0	-	0.0	9.7	-	-	-	0.0	-	-	-	-	-
87.0	80.0	0.0	7.7	0.0	-	-	-	0.0	-	-	-	-	-
90.0	28.0	0.0	3.6	0.0	0.0	-	-	0.0	-	3.4	-	-	-
90.0	37.0	0.0	3.7	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	45.0	0.0	13.9	3.2	2.6	-	-	0.0	-	0.0	-	-	-
90.0	53.0	0.0	7.0	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	60.0	0.0	0.0	5.8	0.0	-	-	0.0	-	-	-	-	-
90.0	70.0	0.0	3.4	0.0	6.1	-	-	3.5	-	0.0	-	-	-
90.0	80.0	2.9	0.0	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	90.0	5.1	0.0	0.0	6.9	-	-	0.0	-	0.0	-	-	-
90.0	100.0	-	-	-	3.1	-	-	-	-	2.9	-	-	-
93.0	27.0	0.0	4.6	0.0	-	-	-	0.0	-	-	-	-	-
93.0	28.0	0.0	9.4	0.0	-	-	-	0.0	-	-	-	-	-
93.0	55.0	-	6.5	3.3	-	-	-	0.0	-	-	-	-	-
93.0	60.0	0.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-
93.0	70.0	3.2	0.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0	80.0	6.6	0.0	0.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Disintegrated fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	90.0	0.0	0.0	3.4	-	-	-	0.0	-	-	-	-	-
97.0	30.0	0.0	4.4	0.0	-	-	-	-	-	-	-	-	-
97.0	32.0	0.0	3.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	35.0	0.0	2.9	0.0	-	-	-	0.0	-	-	-	-	-
97.0	50.0	0.0	0.0	0.0	-	-	-	23.5	-	-	-	-	-
97.0	55.0	0.0	0.0	0.0	-	-	-	10.7	-	-	-	-	-
97.0	60.0	0.0	0.0	2.8	-	-	-	0.0	-	-	-	-	-
97.0	80.0	0.0	0.0	2.8	-	-	-	0.0	-	-	-	-	-
97.0	90.0	0.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
100.0	29.0	0.0	0.0	0.0	-	6.5	-	10.2	-	-	0.0	-	-
100.0	30.0	0.0	0.0	0.0	-	0.0	-	11.2	-	-	0.0	-	-
100.0	35.0	0.0	3.2	6.8	-	3.1	-	0.0	-	-	0.0	-	-
100.0	40.0	0.0	0.0	3.3	-	13.2	-	12.6	-	-	3.4	-	-
100.0	60.0	0.0	13.4	0.0	-	0.0	-	0.0	-	-	0.0	-	-
100.0	80.0	3.0	3.4	0.0	-	0.0	-	0.0	-	-	6.2	-	-
100.0	90.0	0.0	0.0	2.9	-	3.2	-	0.0	-	-	0.0	-	-
100.0	100.0	-	-	-	-	0.0	-	-	-	-	2.9	-	-
100.0	120.0	-	-	-	-	3.1	-	-	-	-	3.0	-	-
100.0	140.0	-	-	-	-	11.8	-	-	-	-	0.0	-	-
103.0	29.0	0.0	0.0	2.8	-	-	-	-	-	-	-	-	-
103.0	50.0	0.0	3.0	0.0	-	-	-	0.0	-	-	-	-	-
103.0	55.0	-	2.8	-	-	-	-	-	-	-	-	-	-
103.0	60.0	3.2	0.0	0.0	-	-	-	0.0	-	-	-	-	-
103.0	70.0	5.8	0.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	32.0	3.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	35.0	3.4	0.0	0.0	-	-	-	11.2	-	-	-	-	-
107.0	40.0	3.2	10.6	0.0	-	-	-	0.0	-	-	-	-	-
107.0	50.0	0.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
107.0	70.0	0.0	0.0	0.0	-	-	-	8.1	-	-	-	-	-
107.0	80.0	0.0	0.0	0.0	-	-	-	2.9	-	-	-	-	-
110.0	32.0	0.0	0.0	2.3	-	0.0	-	10.3	-	-	0.0	-	-
110.0	35.0	-	3.3	0.0	-	12.0	-	0.0	-	-	0.0	-	-
110.0	40.0	0.0	3.2	0.0	-	0.0	-	11.5	-	-	0.0	-	-
110.0	55.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	3.2	-	-
110.0	60.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	3.1	-	-
110.0	70.0	0.0	0.0	3.1	-	0.0	-	5.7	-	-	0.0	-	-
110.0	80.0	0.0	0.0	0.0	-	0.0	-	2.8	-	-	0.0	-	-
113.0	30.0	0.0	2.8	0.0	-	-	-	0.0	-	-	-	-	-
113.0	35.0	0.0	2.9	3.3	-	-	-	0.0	-	-	-	-	-
113.0	45.0	0.0	0.0	0.0	-	-	-	2.6	-	-	-	-	-
113.0	50.0	0.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
113.0	70.0	0.0	0.0	2.9	-	-	-	0.0	-	-	-	-	-
113.0	80.0	0.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
117.0	26.0	0.0	0.0	0.0	-	-	-	32.3	-	-	-	-	-
117.0	30.0	0.0	0.0	0.0	-	-	-	11.4	-	-	-	-	-
117.0	70.0	0.0	0.0	0.0	-	-	-	11.0	-	-	-	-	-

TABLE 4. (cont.)

Disintegrated fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	80.0	0.0	0.0	0.0	-	-	-	6.1	-	-	-	-	-
118.0	39.0	-	0.0	3.0	-	-	-	0.0	-	-	-	-	-
120.0	25.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	2.6	-	-
120.0	35.0	0.0	0.0	0.0	-	11.0	-	9.7	-	-	0.0	-	-
120.0	40.0	0.0	0.0	0.0	-	13.1	-	18.2	-	-	7.3	-	-
120.0	45.0	0.0	0.0	3.3	-	75.4	-	0.0	-	-	0.0	-	-
120.0	50.0	0.0	0.0	0.0	-	0.0	-	12.0	-	-	3.0	-	-
120.0	60.0	0.0	0.0	0.0	-	0.0	-	41.0	-	-	0.0	-	-
120.0	70.0	0.0	0.0	0.0	-	0.0	-	11.4	-	-	0.0	-	-
123.0	37.0	0.0	0.0	0.0	-	-	-	6.8	-	-	-	-	-
123.0	50.0	0.0	0.0	0.0	-	-	-	12.0	-	-	-	-	-
127.0	33.0	8.3	0.0	0.0	-	-	-	0.0	-	-	-	-	-
127.0	50.0	0.0	38.1	0.0	-	-	-	0.0	-	-	-	-	-
127.0	60.0	0.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-
130.0	30.0	0.0	3.0	3.0	-	0.0	-	0.0	-	-	2.3	-	-
130.0	35.0	0.0	3.4	0.0	-	0.0	-	0.0	-	-	3.1	-	-
130.0	40.0	0.0	3.2	0.0	-	3.0	-	8.0	-	-	0.0	-	-
130.0	50.0	0.0	3.3	0.0	-	0.0	-	0.0	-	-	0.0	-	-
130.0	60.0	0.0	0.0	0.0	-	18.1	-	0.0	-	-	0.0	-	-
130.0	70.0	-	-	-	-	14.1	-	-	-	-	0.0	-	-
133.0	23.0	0.0	0.0	0.0	-	-	-	5.8	-	-	-	-	-
133.0	35.0	3.3	0.0	0.0	-	-	-	0.0	-	-	-	-	-
133.0	50.0	0.0	3.3	3.3	-	-	-	2.9	-	-	-	-	-
133.0	60.0	0.0	3.1	0.0	-	-	-	0.0	-	-	-	-	-
137.0	23.0	0.0	0.0	0.0	-	-	-	3.0	-	-	-	-	-
137.0	35.0	3.5	0.0	0.0	-	-	-	0.0	-	-	-	-	-
137.0	40.0	0.0	0.0	0.0	-	-	-	25.0	-	-	-	-	-
140.0	50.0	-	0.0	-	-	-	3.2	-	-	-	-	0.0	-
140.0	60.0	-	0.0	-	-	-	3.1	-	-	-	-	0.0	-
140.0	120.0	-	-	-	-	14.8	-	-	-	-	-	0.0	-
143.0	40.0	-	3.2	-	-	-	-	-	-	-	-	-	-
147.0	40.0	-	3.4	-	-	-	-	-	-	-	-	-	-
150.0	19.0	-	0.0	-	-	-	0.0	-	-	-	-	2.9	-
150.0	25.0	-	14.3	-	-	-	6.9	-	-	-	-	15.4	-
150.0	30.0	-	6.7	-	-	-	3.4	-	-	-	-	0.0	-
150.0	40.0	-	3.4	-	-	-	0.0	-	-	-	-	0.0	-
150.0	45.0	-	10.0	-	-	-	0.0	-	-	-	-	9.2	-
150.0	50.0	-	0.0	-	-	-	16.2	-	-	-	-	0.0	-
150.0	55.0	-	0.0	-	-	-	0.0	-	-	-	-	11.5	-
150.0	100.0	-	-	-	-	-	0.0	-	-	-	-	2.9	-
150.0	110.0	-	-	-	-	-	2.8	-	-	-	-	0.0	-
153.0	25.0	-	3.5	-	-	-	-	-	-	-	-	-	-
153.0	50.0	-	12.0	-	-	-	-	-	-	-	-	-	-
153.0	55.0	-	6.2	-	-	-	-	-	-	-	-	-	-
157.0	10.0	-	0.0	-	-	-	0.0	-	-	-	-	3.0	-
157.0	15.0	-	6.4	-	-	-	0.0	-	-	-	-	3.0	-

TABLE 4. (cont.)

Disintegrated fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
157.0	30.0	–	0.0	–	–	–	0.0	–	–	–	–	22.1	–
157.0	35.0	–	9.6	–	–	–	0.0	–	–	–	–	0.0	–
157.0	40.0	–	0.0	–	–	–	3.2	–	–	–	–	0.0	–
157.0	45.0	–	0.0	–	–	–	3.3	–	–	–	–	0.0	–
157.0	50.0	–	0.0	–	–	–	3.2	–	–	–	–	0.0	–
157.0	60.0	–	3.1	–	–	–	0.0	–	–	–	–	0.0	–

Unidentified fish larva

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	–	0.0	–	–	3.1	–	–	–	–	0.0	–	–
40.0	55.0	–	13.6	–	–	19.6	–	–	–	–	0.0	–	–
40.0	60.0	–	8.9	–	–	235.6	–	–	–	–	0.0	–	–
43.0	55.0	–	13.4	–	–	–	–	11.9	–	–	–	–	–
43.0	70.0	–	13.3	–	–	–	–	0.0	–	–	–	–	–
47.0	65.0	–	11.0	–	–	–	–	0.0	–	–	–	–	–
50.0	70.0	–	12.2	–	–	0.0	–	0.0	–	–	–	0.0	–
50.0	80.0	–	0.0	–	–	0.0	–	3.1	–	–	–	0.0	–
60.0	50.0	–	0.0	0.0	29.8	–	–	3.7	–	–	–	0.0	–
60.0	52.0	–	0.0	5.0	0.0	–	–	0.0	–	–	–	0.0	–
60.0	55.0	–	3.5	1.4	0.0	–	–	0.0	–	–	–	0.0	–
60.0	100.0	–	–	–	2.9	–	–	–	–	–	–	0.0	–
63.0	50.0	–	13.7	0.0	–	–	–	0.0	–	–	–	–	–
63.0	52.0	–	0.0	11.2	–	–	–	0.0	–	–	–	–	–
63.0	65.0	–	0.0	2.0	–	–	–	0.0	–	–	–	–	–
63.0	90.0	–	–	0.0	–	–	–	3.4	–	–	–	–	–
67.0	50.0	2.8	0.0	3.3	–	–	–	0.0	–	–	–	–	–
67.0	60.0	3.0	0.0	0.0	–	–	–	0.0	–	–	–	–	–
70.0	53.0	3.4	0.0	11.4	0.0	–	–	0.0	–	–	–	0.0	–
70.0	65.0	–	0.0	3.0	0.0	–	–	0.0	–	–	–	0.0	–
70.0	70.0	0.0	0.0	3.2	0.0	–	–	0.0	–	–	–	0.0	–
70.0	90.0	0.0	0.0	0.0	0.0	–	–	2.7	–	–	–	0.0	–
73.0	70.0	0.0	0.0	1.6	–	–	–	–	–	–	–	–	–
73.0	80.0	0.0	0.0	6.5	–	–	–	–	–	–	–	–	–
73.0	90.0	0.0	0.0	1.5	–	–	–	–	–	–	–	–	–
77.0	48.0	0.0	0.0	3.1	–	–	–	0.0	–	–	–	–	–
77.0	51.0	15.5	0.0	3.2	–	–	–	0.0	–	–	–	–	–
77.0	55.0	0.0	0.0	1.5	–	–	–	0.0	–	–	–	–	–
77.0	65.0	0.0	0.0	6.6	–	–	–	12.9	–	–	–	–	–
77.0	70.0	0.0	0.0	5.3	–	–	–	0.0	–	–	–	–	–
77.0	80.0	5.5	0.0	0.0	–	–	–	–	–	–	–	–	–
80.0	51.0	4.9	0.0	5.2	0.0	–	–	0.0	–	–	0.0	–	–
80.0	52.0	0.0	0.0	0.0	0.0	–	–	0.0	–	–	2.3	–	–
80.0	55.0	0.0	0.0	6.1	0.0	–	–	0.0	–	–	–	0.0	–
83.0	40.0	0.0	1.7	0.0	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Unidentified fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	55.0	10.3	0.0	0.0	–	–	–	0.0	–	–	–	–	–
83.0	70.0	0.0	0.0	3.1	–	–	–	0.0	–	–	–	–	–
87.0	33.0	0.0	0.0	5.6	–	–	–	21.5	–	–	–	–	–
87.0	45.0	0.0	0.0	6.7	–	–	–	0.0	–	–	–	–	–
87.0	55.0	0.0	0.0	3.4	–	–	–	0.0	–	–	–	–	–
87.0	60.0	3.8	0.0	0.0	–	–	–	0.0	–	–	–	–	–
87.0	70.0	–	0.0	6.5	–	–	–	0.0	–	–	–	–	–
87.0	90.0	–	0.0	3.1	–	–	–	0.0	–	–	–	–	–
90.0	28.0	0.0	24.9	0.0	0.0	–	–	0.0	–	13.6	–	–	–
90.0	37.0	0.0	0.0	3.2	6.4	–	–	0.0	–	0.0	–	–	–
90.0	45.0	0.0	0.0	0.0	2.6	–	–	0.0	–	0.0	–	–	–
90.0	80.0	0.0	4.6	0.0	0.0	–	–	2.9	–	0.0	–	–	–
90.0	90.0	0.0	0.0	3.2	0.0	–	–	0.0	–	3.2	–	–	–
90.0	100.0	–	–	–	0.0	–	–	–	–	5.8	–	–	–
90.0	120.0	–	–	–	0.0	–	–	–	–	9.6	–	–	–
90.0	140.0	–	–	–	0.0	–	–	–	–	9.7	–	–	–
93.0	35.0	0.0	0.0	3.2	–	–	–	0.0	–	–	–	–	–
93.0	40.0	0.0	0.0	3.2	–	–	–	0.0	–	–	–	–	–
93.0	80.0	3.3	0.0	0.0	–	–	–	0.0	–	–	–	–	–
93.0	100.0	–	0.0	–	–	–	–	2.9	–	–	–	–	–
97.0	29.0	2.8	0.0	0.0	–	–	–	–	–	–	–	–	–
97.0	40.0	0.0	0.0	0.0	–	–	–	10.5	–	–	–	–	–
97.0	55.0	0.0	0.0	0.0	–	–	–	10.7	–	–	–	–	–
100.0	29.0	0.0	0.0	0.0	–	3.3	–	0.0	–	–	0.0	–	–
100.0	30.0	0.0	6.4	0.0	–	0.0	–	0.0	–	–	0.0	–	–
100.0	35.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	3.0	–	–
100.0	60.0	0.0	0.0	3.1	–	0.0	–	0.0	–	–	0.0	–	–
100.0	90.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	6.1	–	–
100.0	100.0	–	–	–	–	0.0	–	–	–	–	5.7	–	–
100.0	120.0	–	–	–	–	0.0	–	–	–	–	12.0	–	–
103.0	45.0	0.0	2.9	3.1	–	–	–	0.0	–	–	–	–	–
103.0	80.0	0.0	0.0	0.0	–	–	–	5.8	–	–	–	–	–
107.0	32.0	0.0	3.2	0.0	–	–	–	0.0	–	–	–	–	–
107.0	35.0	0.0	0.0	0.0	–	–	–	11.2	–	–	–	–	–
107.0	70.0	0.0	0.0	0.0	–	–	–	8.1	–	–	–	–	–
107.0	80.0	0.0	5.9	0.0	–	–	–	14.4	–	–	–	–	–
110.0	32.0	0.0	0.0	2.3	–	0.0	–	0.0	–	–	0.0	–	–
110.0	35.0	–	0.0	0.0	–	3.0	–	0.0	–	–	0.0	–	–
110.0	40.0	0.0	3.2	0.0	–	2.5	–	11.5	–	–	3.2	–	–
110.0	45.0	0.0	3.2	0.0	–	3.4	–	0.0	–	–	0.0	–	–
110.0	60.0	0.0	0.0	0.0	–	3.3	–	0.0	–	–	0.0	–	–
110.0	70.0	0.0	0.0	6.1	–	0.0	–	0.0	–	–	0.0	–	–
110.0	80.0	0.0	0.0	3.2	–	3.1	–	2.8	–	–	15.8	–	–
113.0	45.0	3.3	0.0	0.0	–	–	–	10.6	–	–	–	–	–
113.0	60.0	0.0	0.0	3.2	–	–	–	10.2	–	–	–	–	–
113.0	70.0	0.0	0.0	2.9	–	–	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Unidentified fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	80.0	0.0	0.0	3.2	–	–	–	2.7	–	–	–	–	–
117.0	25.0	0.0	0.0	0.0	–	–	–	27.5	–	–	–	–	–
117.0	26.0	0.0	0.0	0.0	–	–	–	10.8	–	–	–	–	–
117.0	30.0	0.0	0.0	0.0	–	–	–	45.4	–	–	–	–	–
117.0	35.0	0.0	0.0	0.0	–	–	–	25.4	–	–	–	–	–
117.0	70.0	0.0	0.0	3.4	–	–	–	0.0	–	–	–	–	–
117.0	80.0	0.0	0.0	0.0	–	–	–	3.0	–	–	–	–	–
119.0	33.0	0.0	0.0	8.9	–	–	–	0.0	–	–	–	–	–
120.0	24.0	0.0	0.0	0.0	–	0.0	–	0.0	–	–	7.3	–	–
120.0	25.0	2.8	0.0	0.0	–	0.0	–	10.8	–	–	7.9	–	–
120.0	30.0	0.0	0.0	0.0	–	0.0	–	101.6	–	–	0.0	–	–
120.0	35.0	0.0	0.0	0.0	–	0.0	–	19.4	–	–	0.0	–	–
120.0	40.0	0.0	2.6	0.0	–	0.0	–	114.0	–	–	4.9	–	–
120.0	45.0	0.0	0.0	0.0	–	44.2	–	48.2	–	–	0.0	–	–
120.0	60.0	0.0	0.0	0.0	–	0.0	–	35.2	–	–	0.0	–	–
120.0	70.0	0.0	0.0	0.0	–	2.9	–	5.7	–	–	5.9	–	–
120.0	80.0	0.0	0.0	3.3	–	0.0	–	5.9	–	–	3.0	–	–
123.0	36.0	0.0	14.1	2.9	–	–	–	0.0	–	–	–	–	–
123.0	37.0	0.0	8.5	0.0	–	–	–	0.0	–	–	–	–	–
123.0	50.0	0.0	0.0	0.0	–	–	–	12.0	–	–	–	–	–
123.0	60.0	0.0	0.0	0.0	–	–	–	5.6	–	–	–	–	–
127.0	50.0	0.0	0.0	0.0	–	–	–	14.5	–	–	–	–	–
127.0	60.0	0.0	0.0	0.0	–	–	–	5.7	–	–	–	–	–
130.0	28.0	3.0	0.0	0.0	–	0.0	–	0.0	–	–	0.0	–	–
130.0	35.0	3.1	17.1	3.3	–	0.0	–	0.0	–	–	0.0	–	–
130.0	50.0	0.0	6.6	3.1	–	6.0	–	0.0	–	–	0.0	–	–
130.0	60.0	0.0	0.0	0.0	–	24.1	–	2.6	–	–	2.9	–	–
130.0	70.0	–	–	–	–	22.6	–	–	–	–	8.6	–	–
130.0	80.0	–	–	–	–	5.9	–	–	–	–	0.0	–	–
133.0	23.0	0.0	0.0	0.0	–	–	–	5.8	–	–	–	–	–
133.0	30.0	0.0	0.0	3.0	–	–	–	0.0	–	–	–	–	–
133.0	35.0	0.0	6.3	0.0	–	–	–	0.0	–	–	–	–	–
133.0	40.0	0.0	0.0	3.2	–	–	–	0.0	–	–	–	–	–
133.0	50.0	0.0	0.0	0.0	–	–	–	23.5	–	–	–	–	–
133.0	60.0	3.2	0.0	0.0	–	–	–	0.0	–	–	–	–	–
137.0	22.0	0.0	15.5	0.0	–	–	–	17.9	–	–	–	–	–
137.0	23.0	0.0	2.5	0.0	–	–	–	14.8	–	–	–	–	–
137.0	35.0	0.0	3.1	0.0	–	–	–	0.0	–	–	–	–	–
137.0	40.0	3.2	3.3	0.0	–	–	–	0.0	–	–	–	–	–
137.0	50.0	3.3	0.0	0.0	–	–	–	0.0	–	–	–	–	–
137.0	60.0	15.6	0.0	0.0	–	–	–	–	–	–	–	–	–
140.0	30.0	–	6.4	–	–	–	0.0	–	–	–	–	0.0	–
140.0	55.0	–	3.5	–	–	–	0.0	–	–	–	–	11.5	–
140.0	80.0	–	–	–	–	–	6.1	–	–	–	–	2.9	–
140.0	120.0	–	–	–	–	3.0	–	–	–	–	–	0.0	–
143.0	55.0	–	6.7	–	–	–	–	–	–	–	–	–	–

TABLE 4. (cont.)

Unidentified fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
147.0	35.0	-	3.1	-	-	-	-	-	-	-	-	-	-
147.0	45.0	-	19.7	-	-	-	-	-	-	-	-	-	-
147.0	55.0	-	12.8	-	-	-	-	-	-	-	-	-	-
147.0	60.0	-	3.3	-	-	-	-	-	-	-	-	-	-
150.0	25.0	-	0.0	-	-	-	17.4	-	-	-	-	6.2	-
150.0	30.0	-	3.4	-	-	-	6.7	-	-	-	-	9.0	-
150.0	35.0	-	61.7	-	-	-	0.0	-	-	-	-	0.0	-
150.0	40.0	-	40.9	-	-	-	0.0	-	-	-	-	0.0	-
150.0	45.0	-	23.4	-	-	-	0.0	-	-	-	-	3.1	-
150.0	50.0	-	9.7	-	-	-	19.4	-	-	-	-	6.2	-
150.0	55.0	-	6.9	-	-	-	6.5	-	-	-	-	2.9	-
150.0	60.0	-	3.2	-	-	-	0.0	-	-	-	-	0.0	-
150.0	110.0	-	-	-	-	-	5.6	-	-	-	-	9.4	-
153.0	20.0	-	7.1	-	-	-	-	-	-	-	-	-	-
153.0	30.0	-	10.4	-	-	-	-	-	-	-	-	-	-
153.0	40.0	-	10.0	-	-	-	-	-	-	-	-	-	-
153.0	60.0	-	3.0	-	-	-	-	-	-	-	-	-	-
157.0	10.0	-	0.0	-	-	-	14.6	-	-	-	-	3.0	-
157.0	15.0	-	9.5	-	-	-	0.0	-	-	-	-	9.1	-
157.0	20.0	-	9.6	-	-	-	0.0	-	-	-	-	6.2	-
157.0	25.0	-	0.0	-	-	-	3.1	-	-	-	-	26.6	-
157.0	30.0	-	3.1	-	-	-	0.0	-	-	-	-	12.6	-
157.0	35.0	-	3.2	-	-	-	0.0	-	-	-	-	9.8	-
157.0	40.0	-	6.2	-	-	-	0.0	-	-	-	-	12.5	-
157.0	45.0	-	0.0	-	-	-	0.0	-	-	-	-	5.8	-
157.0	50.0	-	12.1	-	-	-	0.0	-	-	-	-	9.2	-
157.0	55.0	-	12.0	-	-	-	0.0	-	-	-	-	0.0	-
157.0	60.0	-	0.0	-	-	-	24.2	-	-	-	-	3.0	-

TABLE 5. Summary of pooled occurrences of all larval fish taxa taken on CalCOFI surveys from 1972 to 1981. Data for 1974, 1977, and 1980 represent single cruises that are part of surveys in 1975, 1978, and 1981, respectively. Taxa are listed in the same order as Table 4.

NAME	1972	1974	1975	1977	1978	1980	1981
Albula vulpes	1	–	–	–	–	–	–
Anguilliformes	26	2	8	–	3	–	–
Etrumeus acuminatus	4	–	15	–	9	–	–
Opisthonema spp.	–	–	1	–	1	–	–
Sardinops sagax	27	11	51	8	46	13	28
Engraulis mordax	548	155	842	47	454	47	417
Argentina sialis	54	6	59	7	30	13	45
Microstoma microstoma	33	8	40	3	45	6	31
Nansenia candida	44	–	26	–	25	–	18
Nansenia crassa	39	8	17	1	19	3	13
Bathylagus spp.	121	1	41	3	47	1	49
Bathylagus longirostris	1	–	–	–	5	–	–
Bathylagus milleri	13	5	13	–	8	4	2
Bathylagus ochotensis	345	13	273	29	387	13	244
Bathylagus pacificus	99	1	39	–	45	1	38
Bathylagus wesethi	164	15	156	20	298	11	127
Leuroglossus stilbius	387	52	363	28	218	22	298
Bathylychnops exilis	1	–	–	–	–	–	–
Dolichopteryx longipes	1	–	–	–	–	–	–
Macropinna microstoma	–	1	1	–	–	–	–
Osmeridae	5	–	–	–	1	–	–
Stomiiformes	8	1	1	–	5	–	3
Gonostomatidae	7	10	12	1	23	7	23
Cyclothone spp.	130	30	165	20	325	38	162
Danaphos oculatus	51	6	49	2	73	3	17
Diplophos taenia	47	–	1	–	2	–	–
Gonostoma spp.	–	–	–	–	2	–	1
Ichthyococcus spp.	7	1	8	2	40	4	18
Valenciennellus stellatus	8	–	1	–	3	1	1
Vinciguerria lucetia	271	48	164	40	379	65	222
Vinciguerria poweriae	1	–	–	–	30	–	–
Sternoptychidae	217	63	218	40	371	33	150
Chauliodus macouni	123	10	78	11	126	12	55
Idiacanthus antrostomus	25	18	30	8	67	3	9
Aristostomias scintillans	5	–	2	–	22	–	8
Bathophilus spp.	11	–	–	–	16	–	–
Eustomias spp.	1	–	–	–	1	–	–
Photonectes spp.	–	–	1	–	6	–	2
Tactostoma macropus	5	–	–	–	7	–	5
Stomias atriventer	117	9	59	6	110	11	77
Myctophiformes	2	–	–	–	–	–	–
Evermannellidae	1	–	–	–	–	–	1
Paralepididae	32	5	17	–	16	–	9
Lestidiops ringens	82	16	39	11	63	11	58
Notolepis risso	10	–	5	1	17	–	5
Stemonosudis macrura	2	–	–	–	1	–	–
Sudis atrox	–	–	–	–	5	–	–

TABLE 5. (cont.)

NAME	1972	1974	1975	1977	1978	1980	1981
Aulopus spp.	6	-	-	-	1	1	-
Scopelosaurus spp.	11	1	10	-	23	1	9
Scopelarchidae	-	-	2	-	3	-	2
Benthalbella spp.	-	-	-	-	3	-	-
Benthalbella dentata	6	-	3	-	11	-	4
Rosenblattichthys volucris	15	7	23	2	21	2	7
Scopelarchoides nicholsi	16	-	2	-	1	-	-
Scopelarchus spp.	24	-	19	3	32	3	11
Myctophidae	123	12	80	6	154	17	159
Bolinichthys spp.	11	-	-	-	2	-	-
Ceratoscopelus townsendi	68	5	66	5	212	18	80
Diaphus spp.	107	-	70	-	141	2	25
Lampadena urophaos	14	2	5	-	19	1	5
Lampanyctus spp.	281	35	151	16	269	32	168
Lampanyctus regalis	25	1	29	-	63	-	14
Lampanyctus ritteri	187	11	149	8	147	16	81
Notolychnus valdiviae	7	-	13	-	31	-	2
Notoscopelus resplendens	9	-	6	-	58	-	8
Parvilux ingens	-	-	-	-	2	-	-
Stenobrachius leucopsarus	356	29	351	11	300	18	264
Taaningichthys minimus	-	-	-	-	1	-	-
Triphoturus mexicanus	218	38	342	7	330	13	237
Triphoturus nigrescens	-	-	-	-	2	-	-
Benthosema pterota	6	-	3	-	-	-	-
Centrobranchus spp.	-	-	-	-	6	-	-
Diogenichthys spp.	-	6	15	3	24	2	18
Diogenichthys atlanticus	68	22	141	14	191	19	60
Diogenichthys laternatus	201	29	114	22	168	34	56
Electrona rissoi	15	-	7	-	20	-	6
Gonichthys tenuiculus	49	9	14	1	44	5	8
Hygophum spp.	2	-	-	-	5	-	7
Hygophum atratum	120	6	16	1	47	-	10
Hygophum reinhardtii	12	-	9	1	29	2	2
Loweina rara	2	-	3	1	9	-	3
Myctophum aurolaternatum	21	-	-	-	-	-	-
Myctophum nitidulum	13	6	22	5	65	4	13
Protomyctophum crockeri	388	62	299	39	361	87	344
Protomyctophum thompsoni	14	-	-	-	-	-	-
Symbolophorus californiensis	100	14	120	6	179	11	91
Tarletonbeania crenularis	377	26	215	-	76	17	72
Synodus spp.	11	7	41	7	14	12	7
Bregmaceros spp.	37	-	-	-	-	-	-
Gadidae	1	-	-	-	-	-	-
Gadus macrocephalus	-	-	-	-	-	-	1
Microgadus proximus	4	-	-	-	-	-	-
Merluccius productus	305	16	279	14	222	21	177
Moridae	14	-	-	-	1	-	-
Physiculus spp.	1	-	-	-	-	-	1
Macrouridae	18	-	3	-	6	-	4

TABLE 5. (cont.)

NAME	1972	1974	1975	1977	1978	1980	1981
Ophidiiformes	9	-	15	-	18	-	19
Brosmophycis marginata	7	-	5	-	11	-	5
Carapidae	2	-	-	-	-	-	-
Chilara taylori	3	-	17	-	4	-	-
Ophidion scrippsae	7	6	18	-	6	-	1
Porichthys spp.	-	-	-	-	1	-	-
Antennariidae	1	-	-	-	-	-	-
Ceratioidei	6	1	11	-	4	1	-
Lophiidae	1	-	-	-	-	-	-
Gobiesocidae	2	-	10	-	3	-	-
Exocoetidae	-	-	1	-	1	-	3
Hemiramphidae	-	-	-	-	-	-	1
Oxyporhamphus micropterus	1	-	-	-	-	-	-
Cololabis saira	31	1	7	-	10	3	7
Atherinidae	3	3	7	-	13	1	3
Trachipteridae	56	7	18	2	10	1	5
Eutaeniophoridae	2	-	-	-	2	-	-
Melamphaes spp.	219	9	130	9	181	9	79
Poromitra spp.	15	-	18	2	42	2	21
Scopeloberyx robustus	-	-	-	-	5	-	-
Scopelogadus bispinosus	21	4	5	3	19	-	4
Macroramphosus gracilis	1	3	-	-	3	2	4
Syngnathus spp.	2	3	8	-	6	-	4
Agonidae	17	1	11	-	1	2	7
Anoplopoma fimbria	1	-	1	-	-	-	-
Cottidae	28	5	44	2	17	2	23
Scorpaenichthys marmoratus	13	3	15	-	6	3	-
Cyclopteridae	14	1	13	-	3	-	7
Hexagrammidae	16	-	1	-	2	1	-
Ophiodon elongatus	-	-	1	-	-	-	1
Oxylebius pictus	3	-	4	-	-	-	6
Zaniolepis spp.	6	2	23	4	11	3	5
Scorpaenidae	2	-	-	-	-	-	-
Scorpaena spp.	3	-	11	-	8	-	6
Sebastes spp.	509	94	560	30	429	52	379
Sebastes aurora	18	-	13	2	29	2	20
Sebastes jordani	90	1	42	-	47	1	22
Sebastes levis	13	-	17	-	8	-	5
Sebastes macdonaldi	15	-	21	-	17	-	8
Sebastes paucispinis	140	10	73	11	48	7	48
Sebastolobus spp.	65	1	23	-	32	1	19
Prionotus spp.	6	-	12	-	7	-	3
Blennioidei	9	1	4	-	-	-	8
Bathymasteridae	1	-	-	-	-	-	-
Hypsoblennius spp.	16	6	82	-	50	2	19
Clinidae	30	9	67	2	23	3	17
Gobiidae	88	26	121	10	73	6	38
Microdesmidae	1	-	-	-	-	-	-
Icosteus aenigmaticus	12	-	1	-	2	-	3
Labridae	10	-	-	-	-	-	-

TABLE 5. (cont.)

NAME	1972	1974	1975	1977	1978	1980	1981
Halichoeres spp.	9	-	26	-	21	-	7
Oxyjulis californica	21	-	23	1	56	1	33
Semicossyphus pulcher	-	-	8	-	4	-	3
Pomacentridae	2	-	-	-	-	-	-
Chromis punctipinnis	2	-	22	1	14	-	16
Hypsypops rubicundus	-	-	3	-	-	-	1
Mugil spp.	2	-	-	-	1	-	-
Howella brodiei	2	-	1	-	9	-	-
Brama spp.	7	-	3	-	7	-	-
Carangidae	4	-	10	-	8	-	1
Seriola lalandi	1	-	5	-	7	-	1
Trachurus symmetricus	116	-	119	1	137	1	87
Caristius macropus	-	-	-	-	2	-	-
Coryphaena hippurus	6	1	4	-	2	-	3
Gerreidae	1	-	5	-	3	-	3
Haemulidae	1	-	8	-	12	-	2
Girella nigricans	-	-	1	1	3	-	2
Medialuna californiensis	2	-	3	-	1	-	-
Caulolatilus princeps	1	-	2	-	2	-	2
Sciaenidae	63	58	260	16	111	-	7
Cheilotrema saturnum	-	-	-	-	-	-	2
Genyonemus lineatus	-	-	-	-	-	15	64
Roncador stearnsii	-	-	-	-	-	-	1
Seriphus politus	-	-	-	-	-	-	26
Serranidae	21	-	55	1	32	1	26
Polynemidae	-	-	1	-	-	-	-
Gempylidae	15	-	-	-	12	-	1
Scombridae	-	-	1	-	1	-	-
Auxis spp.	4	-	-	-	2	-	-
Euthynnus spp.	-	-	-	-	1	-	-
Sarda chiliensis	4	-	3	-	-	-	1
Scomber japonicus	3		8		61		86
Thunnus albacares	2	-	-	-	-	-	-
Lepidopus xantusi	7	1	10	1	11	-	8
Sphyraena argentea	-	-	9	-	5	-	14
Icichthys lockingtoni	140	6	46	2	73	-	22
Cubiceps caeruleus	-	-	-	-	1	-	-
Cubiceps pauciradiatus	12	-	-	-	-	-	-
Psenes pellucidus	5	-	-	-	6	-	-
Psenes sio	5	-	-	-	-	-	-
Peprilus simillimus	11	6	54	3	65	-	31
Tetragonurus cuvieri	13	8	15	2	24	6	8
Chiasmodontidae	15	5	11	4	38	2	20
Uranoscopidae	1	-	-	-	-	-	-
Pleuronectiformes	8	-	-	-	2	-	-
Bothidae	1	-	-	-	-	-	-
Bothus spp.	8	-	-	-	-	-	-
Citharichthys spp.	227	96	357	27	297	60	153
Citharichthys stigmaeus	92	33	133	20	131	24	63
Cyclopsetta spp.	1	-	-	-	-	-	-

TABLE 5. (cont.)

NAME	1972	1974	1975	1977	1978	1980	1981
Hippoglossina spp.	-	-	-	-	1	-	-
Hippoglossina stomata	17	8	36	1	21	-	6
Paralichthys californicus	37	25	106	4	47	2	58
Syacium ovale	5	-	-	-	-	-	-
Xystreurys liolepis	5	4	12	1	5	-	3
Glyptocephalus zachirus	15	-	4	-	22	-	24
Hypsopsetta guttulata	1	5	8	2	7	1	2
Isopsetta isolepis	3	-	-	-	1	-	-
Lepidopsetta bilineata	3	-	3	-	1	-	-
Lyopsetta exilis	54	-	20	-	41	2	57
Microstomus pacificus	17	1	9	-	28	-	14
Parophrys vetulus	53	6	50	1	20	-	38
Platichthys stellatus	6	-	1	-	7	-	2
Pleuronichthys spp.	-	1	1	-	-	-	1
Pleuronichthys coenosus	3	-	3	-	6	-	2
Pleuronichthys decurrens	8	1	3	-	1	-	1
Pleuronichthys ritteri	8	2	33	1	6	4	11
Pleuronichthys verticalis	21	1	100	2	22	2	24
Psettichthys melanostictus	8	-	2	-	7	-	1
Symphurus spp.	20	8	26	1	16	-	8
Disintegrated fish larva	258	27	196	8	224	22	147
Unidentified fish larva	222	21	183	12	162	15	109

TABLE 6. List of stations with two occupancies in one month during 1972.

Station		Month
60.0	52.0	3
60.0	55.0	3
60.0	60.0	3
60.0	65.0	3
60.0	70.0	3
60.0	80.0	3
60.0	90.0	3
63.0	52.0	3
63.0	55.0	3
63.0	60.0	3
63.0	65.0	3
63.0	70.0	3
63.0	80.0	3
63.0	90.0	3
67.0	50.0	3
67.0	55.0	3
67.0	60.0	3
67.0	65.0	3
67.0	70.0	3
67.0	80.0	3
67.0	90.0	3
70.0	53.0	3
70.0	60.0	3
70.0	65.0	3
70.0	70.0	3
70.0	80.0	3
70.0	90.0	3
73.0	50.0	3
73.0	53.0	3
73.0	60.0	3
73.0	65.0	3
73.0	70.0	3
73.0	80.0	3
73.0	90.0	3
77.0	51.0	3
77.0	55.0	3
77.0	60.0	3
77.0	65.0	3
77.0	70.0	3
77.0	80.0	3
77.0	90.0	3

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This index lists taxa included in Table 4 with their page numbers.

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